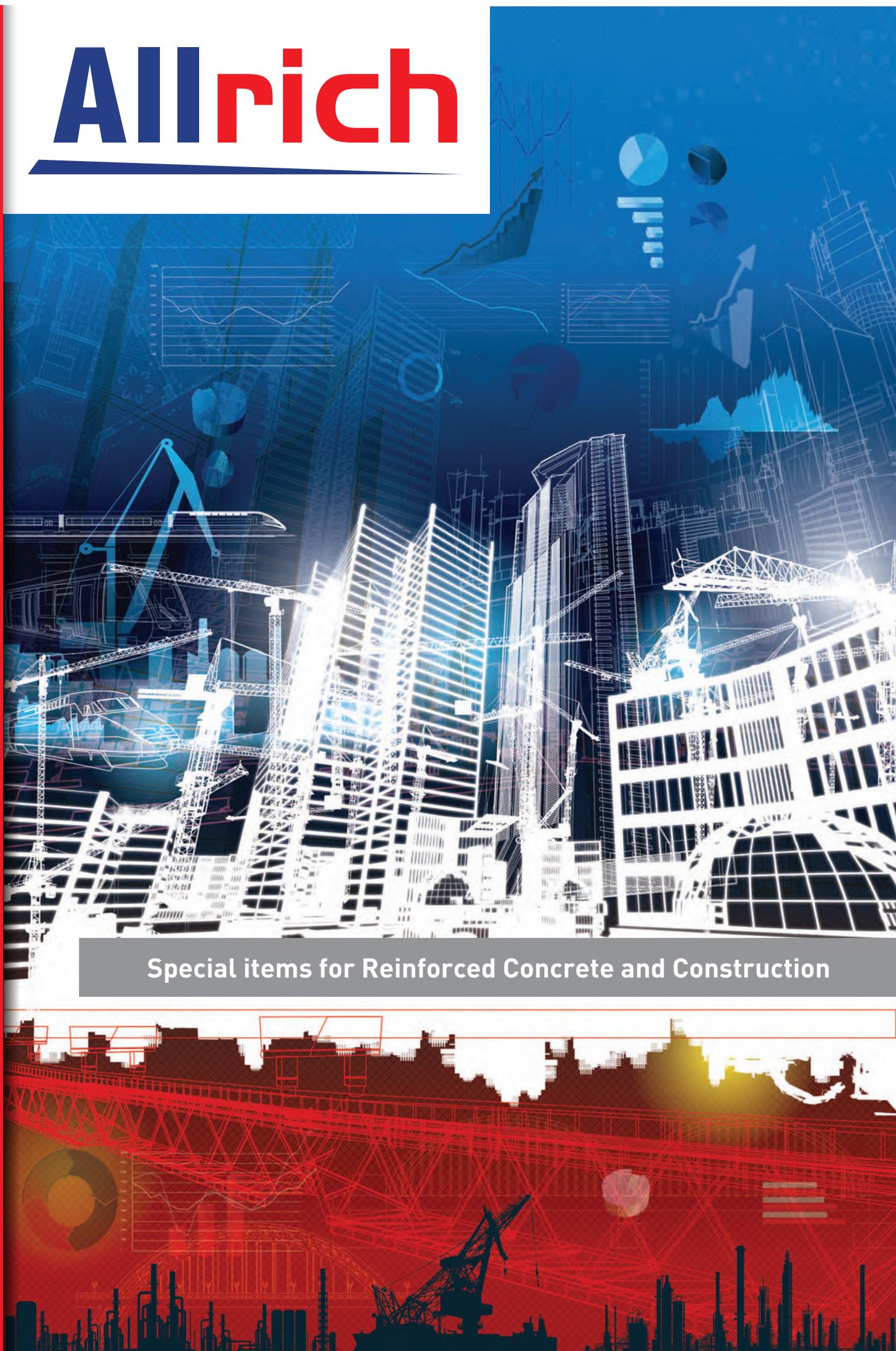


Allrich

Special items for Reinforced Concrete and Construction



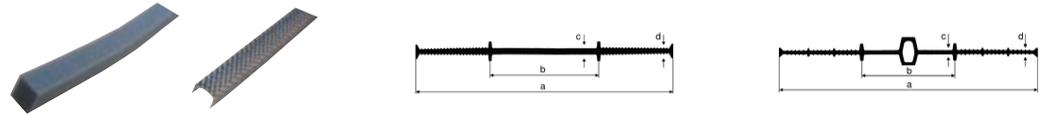
**Horizontal
spacers**



**Vertical
spacers**



**Waterstop
& Joints**



**Wall Fixing
& Insulation**



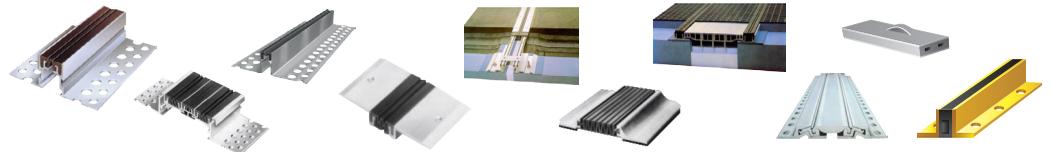
**Precast
Technology**



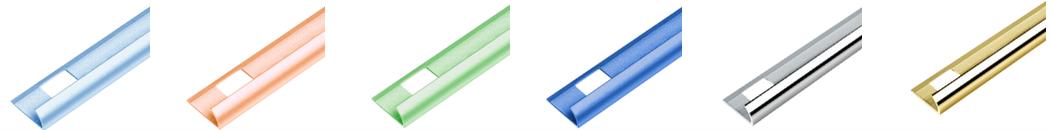
**Formwork
systems &
Profiles**



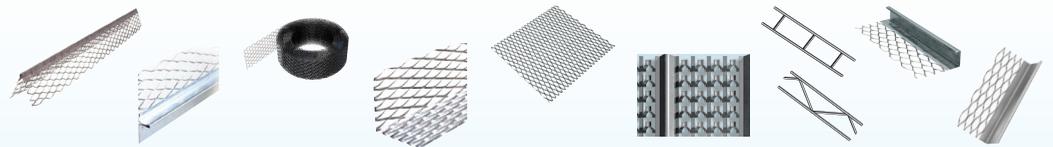
**Expansion Joints
& Aluminum
Profiles**



**Finish/Protection
Accessories**



**Expanded
Metals**



**Plastering Thin
Reinforcement**



**Cork Sheet / Fiber
Insulation Board**

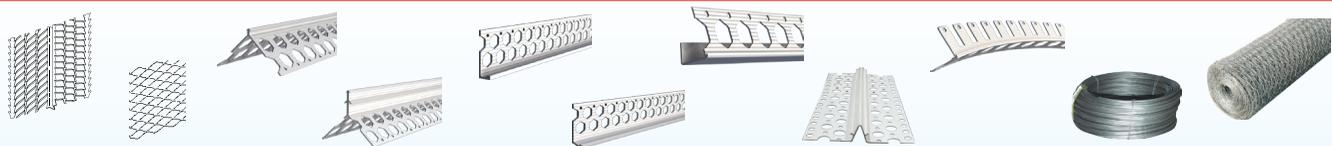
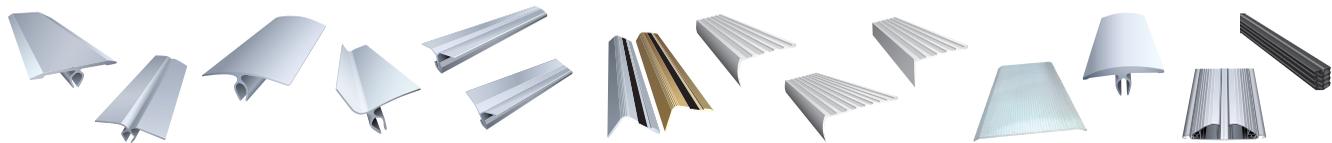
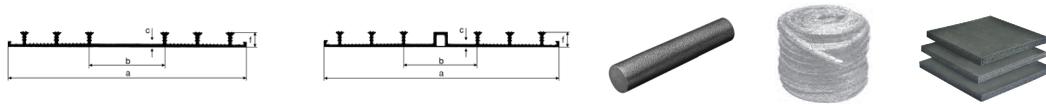


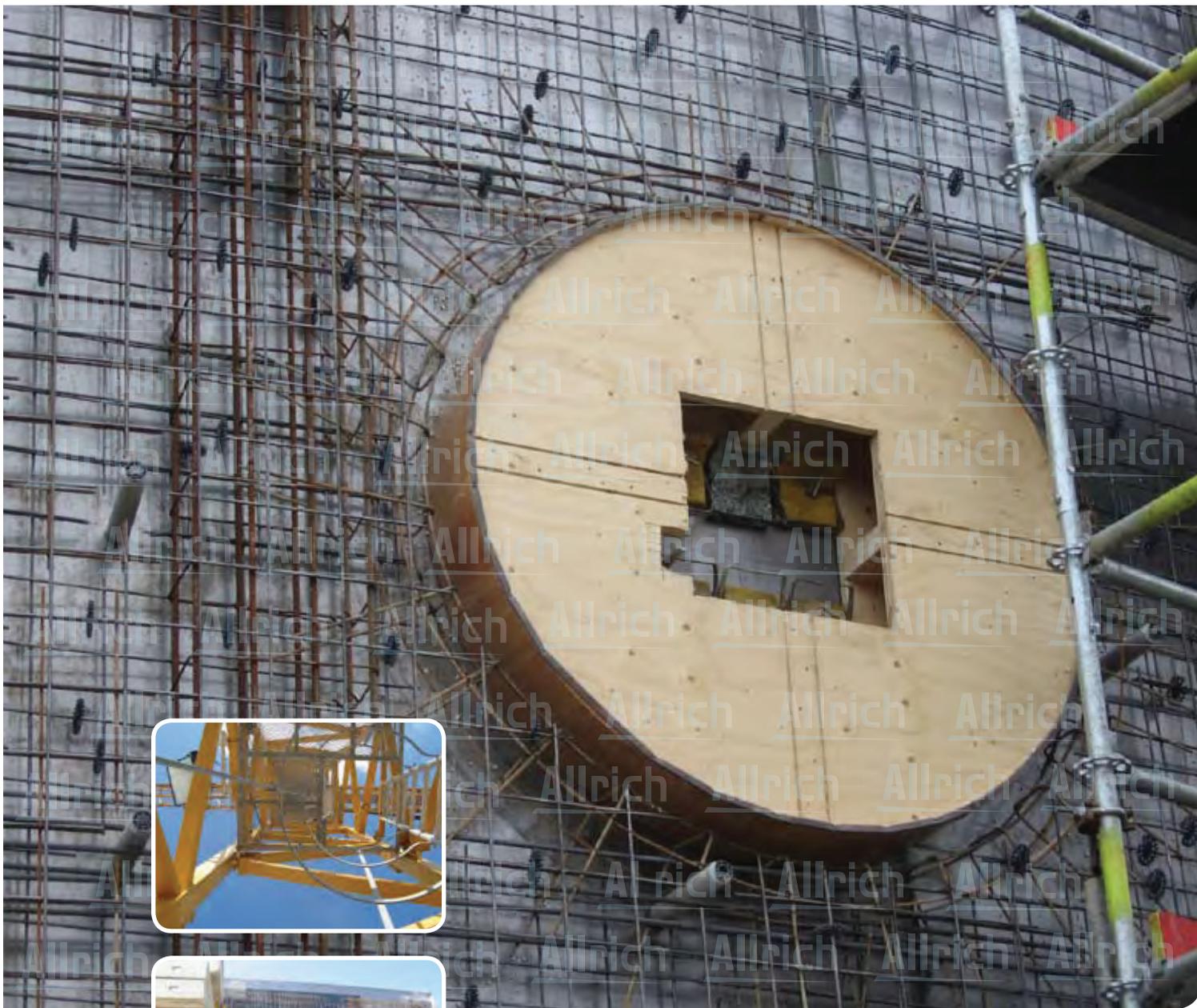
**Anchoring
Channel
Technology**



**EVA , Fireproof &
Soundproof Foam,
TPU film**



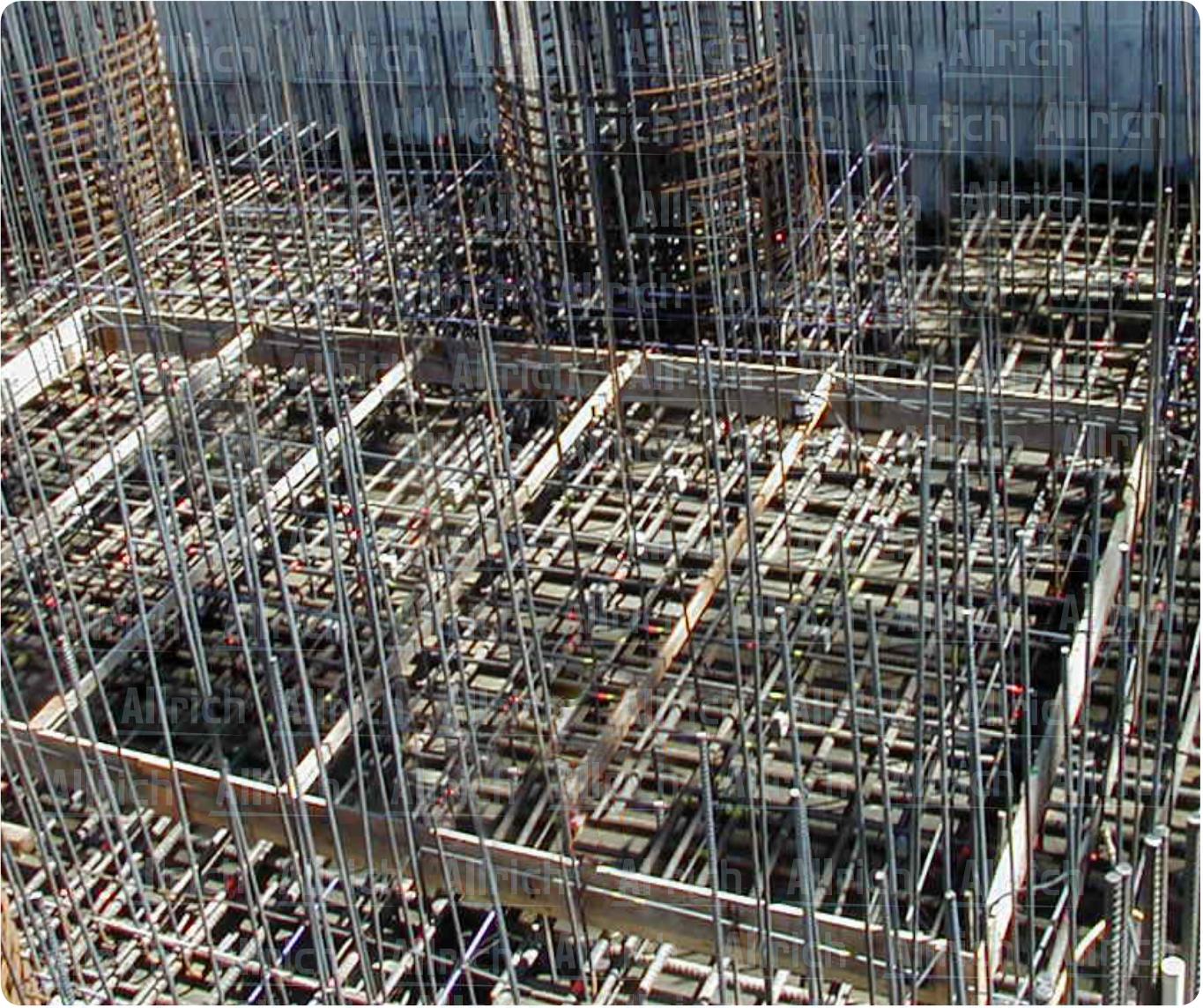


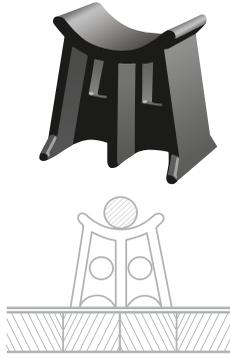


Allrich

Building Technology Systems

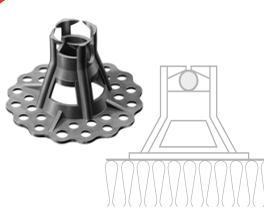
Horizontal Spacers

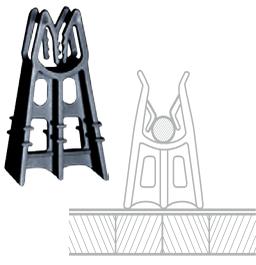


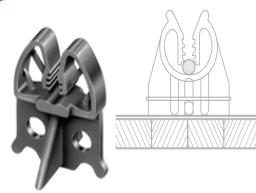
	Reference	Concrete Cover (mm)	Weight (kg/100)	Packing Quantity	Characteristic
UNIFIX CHAIR SPACERS					
	Unifix 15	15	0,34	1 000	The Unifix chair spacer is the most popular spacer for use in horizontal applications such as suspended slabs, beams, etc. Some types are also suitable for supporting top reinforcement. Unifix has good stability can seat a large range of bar diameters.
	Unifix 20	20	0,43	1 000	
	Unifix 25	25	0,60	1 000	
	Unifix 30	30	0,90	500	
	Unifix 35	35	0,95	500	
	Unifix 40	40	1,10	500	
	Unifix 50	50	1,50	500	
	Unifix 60	60	2,30	500	
	Unifix 70	70	1,85	500	
	Unifix 80	80	2,07	500	
	Unifix 100	100	3,40	400	
	Unifix 115	115	3,88	200	
	Unifix 125	125	4,20	200	
Unifix 150	150	7,30	200		

	Reference	Concrete Cover (mm)	For Steel Dia. (mm)	Bar Size	Packing Quantity	Characteristic
CLAMPFIX PLASTIC REBAR CLIPS						
	Clampfix 15/ 4-12	15	4 - 12	#1-#4	1 000	Clampfix is a sturdy general purpose clip-on spacer used in all types of applications, found in precast yards and on site. It can be fixed horizontally or vertically on bars.
	Clampfix 20/ 4-16	20	4 - 16	#1-#5	1 000	
	Clampfix 25/ 4-18	25	4 - 18	#1-#6	1 000	
	Clampfix 30/ 4-18	30	4 - 18	#1-#6	1 000	
	Clampfix 40/ 4-18	40	4 - 18	#1-#6	1 000	
	Clampfix 50/ 4-18	50	4 - 18	#1-#6	1 000	
	Clampfix 60/ 4-18	60	4 - 18	#1-#6	500	
	Clampfix 65/ 4-18	65	4 - 18	#1-#6	500	
	Clampfix 75/ 6-20	75	6 - 20	#2-#6	500	

STYROFIX SINGLE COVER PLASTIC SPACER						
	Styrofix 14/20	20	4 - 14	#1-#4	25 /2.500	Spacer for horizontal reinforcement. suitable for soft ground or surfaces due to large base palte.
	Styrofix 14/30	25	4 - 14	#1-#4	25 /2.500	
	Styrofix 14/35	30	4 - 14	#1-#4	25 /1.000	
	Styrofix 14/40	40	4 - 14	#1-#4	25 /1.000	

STYROFIX-EXTRA DOUBLE COVER PLASTIC SPACER						
	Styrofix 15/ 20	15 or 20	≤ 16	≤ # 5	500	Styrofix-Extra is a double cover spacer that has been designed for use on soft ground, waterproof membranes, or in ground floor slabs, where its large base area prevents puncturing of polyethylene film and gives firm support to the reinforcing steel.
	Styrofix 25/ 30	25 or 30	≤ 16	≤ # 5	500	
	Styrofix 40/ 50	40 or 50	≤ 16	≤ # 5	200	
	Styrofix 50/ 60	50 or 60	≤ 16	≤ # 5	100	
	Styrofix 60/ 70	60 or 70	≤ 16	≤ # 5	100	
	Styrofix 70/ 80	70 or 80	≤ 16	≤ # 5	100	
	Styrofix 90/100	90 or 100	≤ 16	≤ # 5	100	

MULTIFIX PLASTIC CHAIR SPACERS						
	Multifix 10	10	6 - 14	#2-#4	500/5.000	Clamping spacer for use at the cross point of the reinforcement, mainly precast concrete members.
	Multifix 15	15	6 - 14	#2-#4	500/3.000	
	Multifix 20	20	6 - 14	#2-#4	500/2.500	
	Multifix 25	25	6 - 14	#2-#4	500/2.000	
	Multifix 30	30	6 - 16	#2-#5	500/2.000	
	Multifix 35	35	6 - 16	#2-#5	250/1.500	
	Multifix 40	40	6 - 16	#2-#5	125/1.000	
	Multifix 45	45	6 - 16	#2-#5	125/1.000	
	Multifix 50	50	6 - 16	#2-#5	125/1.000	

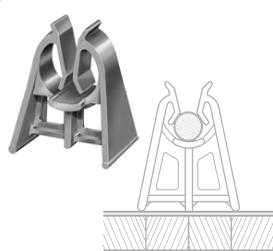
TIPFIX						
	Tipfix 20	20	4 - 14	# 5	1 000	Tipfix clip-on spacers are the optimum choice for light duty steel fixing applications, giving space
	Tipfix 25	25	4 - 14	# 5	1 000	
	Tipfix 30	30	4 - 14	# 5	1 000	
	Tipfix 35	35	4 - 14	# 5	1 000	
	Tipfix 40	40	4 - 14	# 5	1 000	

Horizontal Spacers

Allrich

	Reference	Concrete Cover (mm)	For Steel Dia. (mm)	Bar Size	Packing Quantity	Characteristic
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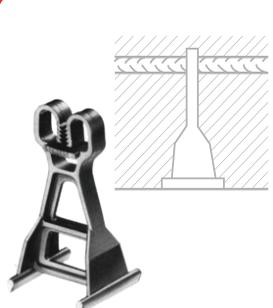
MAXIFIX PLASTIC REBAR CLIPS



Maxifix 15 / 8-25	15	8 - 25	#3-#8	1 000
Maxifix 20 / 8-25	20	8 - 25	#3-#8	1 000
Maxifix 25 / 8-25	25	8 - 25	#3-#8	1 000
Maxifix 30 / 8-25	30	8 - 25	#3-#8	500
Maxifix 35 / 8-25	35	8 - 25	#3-#8	500
Maxifix 40 / 8-25	40	8 - 25	#3-#8	500
Maxifix 50 / 8-25	50	8 - 25	#3-#8	500
Maxifix 75 / 8-25	75	8 - 25	#3-#8	250
Maxifix 100 / 8-25	100	8 - 25	#3-#8	250

Maxifix is a sturdy clip-on spacer for medium to heavy duty usage in all types of applications found in precast yards and on site. Capable of clamping reinforcement up to 25 mm diameter, Maxifix offers a large advantage over lighter duty spacers whilst being more cost effective than many intended for heavy duty applications only. It can be fixed horizontally or vertically on bars.

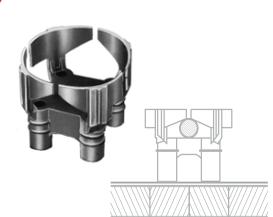
SNAPFIX STURDY PLASTIC SPACERS



Snapfix 20	20	≤ 12	≤ # 4	1 000
Snapfix 25	25	≤ 12	≤ # 4	1 000
Snapfix 30	30	≤ 12	≤ # 4	1 000
Snapfix 35	35	≤ 12	≤ # 4	1 000
Snapfix 40	40	≤ 12	≤ # 4	1 000
Snapfix 50	50	≤ 12	≤ # 4	500
Snapfix 60	60	≤ 12	≤ # 4	500
Snapfix 70	70	≤ 12	≤ # 4	500
Snapfix 80	80	≤ 12	≤ # 4	250
Snapfix 90	90	≤ 12	≤ # 4	250
Snapfix 100	100	≤ 12	≤ # 4	250

This stable and secure plastic spacer with good concrete flow was developed to support top fabric in slabs. The edge down arrangement of the base ensures minimum visibility on the concrete surface.

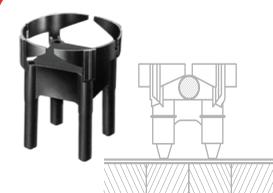
PRAXIFIX CHAIR SPACERS



PRAXIFIX 15/6-20	15	6 - 20	#2-#6	1 000
PRAXIFIX 20/6-20	20	6 - 20	#2-#6	1 000
PRAXIFIX 25/6-20	25	6 - 20	#2-#6	1 000
PRAXIFIX 30/6-20	30	6 - 20	#2-#6	1 000
PRAXIFIX 35/6-20	35	6 - 20	#2-#6	1 000
PRAXIFIX 40/6-20	40	6 - 20	#2-#6	1 000
PRAXIFIX 50/6-20	50	6 - 20	#2-#6	500
PRAXIFIX 60/6-20	60	6 - 20	#2-#6	500

Extensively used plastic spacer for precast and on site concrete applications. Praxifix spacers are robust and designed for vertical and horizontal reinforcement. Good stability and excellent concrete flow characteristics. Large clamping area for bar diameters from 6 mm to 20 mm.

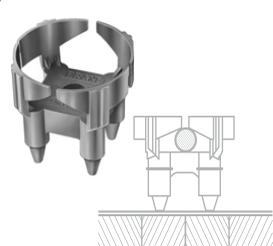
WITH POINTED LEGS TO ENSURE MINIMUM VISIBILITY ON THE SURFACE



Praxifix 60/6-28	60	6 - 28	#2-#9	500
Praxifix 70/6-28	70	6 - 28	#2-#9	500
Praxifix 75/6-28	75	6 - 28	#2-#9	500
Praxifix 80/6-28	80	6 - 28	#2-#9	500
Praxifix 90/6-28	90	6 - 28	#2-#9	500
Praxifix 100/6-28	100	6 - 28	#2-#9	500

The better alternative to wire chairs. Extensively used plastic spacer for suspended and ground floor slabs as well as for light duty top reinforcement. It has good stability and excellent concrete flow characteristics. Pointed legs ensure minimum visibility on the concrete surface.

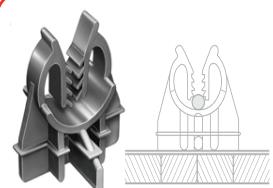
PRAXIFIX - S CHAIR SPACERS



Praxifix 20/6-20 S	20	6 - 20	#2 - #6	1 000
Praxifix 25/6-20 S	25	6 - 20	#2 - #6	1 000
Praxifix 30/6-20 S	30	6 - 20	#2 - #6	1 000
Praxifix 35/6-20 S	35	6 - 20	#2 - #6	1 000
Praxifix 40/6-20 S	40	6 - 20	#2 - #6	1 000
Praxifix 45/6-20 S	45	6 - 20	#2 - #6	500
Praxifix 50/6-20 S	50	6 - 20	#2 - #6	500
Praxifix 60/6-20 S	60	6 - 20	#2 - #6	500

As Praxifix above but with pointed legs to ensure minimum visibility on the concrete surface.

NORMFIX HEAVY DUTY PLASTIC SPACER

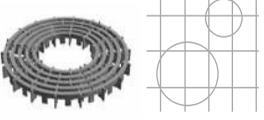


Normfix 20	20	8 - 24	#3-#8	500
Normfix 25	25	8 - 24	#3-#8	500
Normfix 30	30	8 - 24	#3-#8	500
Normfix 35	35	8 - 24	#3-#8	250
Normfix 40	40	8 - 24	#3-#8	250
Normfix 50	50	8 - 24	#3-#8	250

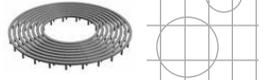
Extremely sturdy plastic spacer, intended for heavy loads. With a spot supporting load capacity of 100 kg (1 kN), Normfix plastic spacers are in conformance with the requirements of the German Concrete Association.

	Reference	Concrete Cover (mm)	Packing Quantity	Characteristic
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DECKENRING-SUPER

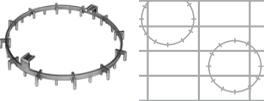
	Deckenring 20	20	125pcs. (=25 set)	Plastic spacer ring for bottom reinforcement and higher concrete covers. Especially durable through staggered stiffening ribs. Easy and economic use.
	Deckenring 25	25	125pcs. (=25 set)	
	Deckenring 30	30	125pcs. (=25 set)	
	Deckenring 35	35	100pcs. (=20 set)	
	Deckenring 40	40	100pcs. (=20 set)	

DECKENRING

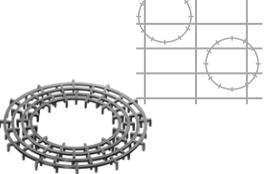
	Deckenring 15	15	400 pcs. (=50 st)	Spacer for horizontal reinforcement supporting large areas with minimal contact to formwork. Deckenring is available in sets of 8 rings.
	Deckenring 20	20	400 pcs. (=50 st)	
	Deckenring 25	25	400 pcs. (=50 st)	
	Deckenring 30	30	200 pcs. (=25 st)	

	Reference	Concrete Cover (mm)	Packing Quantity	Characteristic
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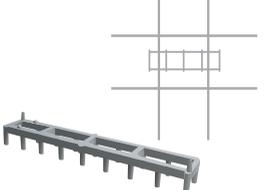
RONDOFIX-SUPER

	Rondofix 25	25	100	Sturdy Plastic spacer with reinforced design, to support large areas of bottom reinforcement.
	Rondofix 30	30	100	
	Rondofix 35	35	75	
	Rondofix 40	40	75	
	Rondofix 50	50	50	

RONDOFIX

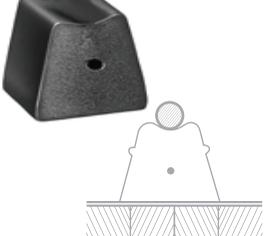
	Rondofix 15	15	250	Sturdy plastic spacer, to support large areas of bottom reinforcement.
	Rondofix 20	20	200	
	Rondofix 25	25	150	
	Rondofix 30	30	100	
	Rondofix 35	35	100	
	Rondofix 40	40	100	
	Rondofix 50	50	100	

PRAKTIFIX

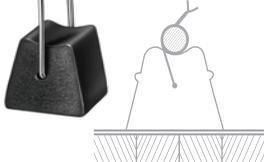
	Praktifix 15	15	250	Low cost spacer for supporting large areas in heavy duty applications. Overall size: 210 x 60 mm
	Praktifix 20	20	250	
	Praktifix 25	25	250	
	Praktifix 30	30	250	
	Praktifix 35	35	200	
	Praktifix 40	40	200	
	Praktifix 50	50	150	

	Reference	Concrete Cover (mm)	Cut width (mm)	Packing per bag Qty.	Packing qty.	Characteristic
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DRUFA-SINGLE (WITHOUT WIRE)

	Drufa-Single	20	20	1,000	50,000	Single spacer without wire for horizontal reinforcement.
	Drufa-Single	25	20	1,000	40,000	
	Drufa-Single	30	22	500	20,000	
	Drufa-Single	35	22	500	20,000	
	Drufa-Single	40	25	460	14,720	
	Drufa-Single	50	28	250	10,000	
	Drufa-Single	55	28	200	8,000	
	Drufa-Single	60	28	200	8,000	
	Drufa-Single	70	28	100	5,000	

DRUFA-SINGLE (WITH GALVANISED WIRE)

	Drufa-Single	25	20	1,000	40,000	For horizontal and vertical reinforcement. Drufa-Single can be tied to the crossing point of the reinforcement. The fastening wire is inside the concrete cover.
	Drufa-Single	30	22	500	20,000	
	Drufa-Single	40	25	460	14,720	
	Drufa-Single	50	28	250	10,000	
	Drufa-Single	60	28	200	8,000	
	Drufa-Single	70	28	100	5,000	

Horizontal Spacers

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Reference	Concrete Cover (mm)	Cut width (mm)	Packing per bag Qty.	Packing qty.	Characteristic
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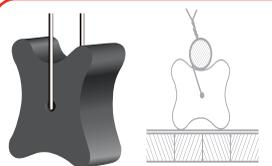
DRUFA-TRIPLE (WITHOUT WIRE)



Drufa-Triple	25 30	20	500 2	0,000
Drufa-Triple	20/25/30	20	1,000	30,000
Drufa-Triple	35/40/50	24	250	10,000
Drufa-Triple	45/55/60	28	125	5,000

Spacer made of fibre concrete for horizontal reinforcement. It is suitable for 2 and / or 3 different concrete covers

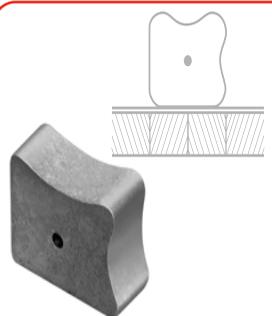
DRUFA-TRIPLE (WITH GALVANISED WIRE)



Drufa-Triple	25/30	20	500	20,000
Drufa-Triple	20/25/30	20	500	25,000
Drufa-Triple	35/40/50	24	250	10,000
Drufa-Triple	45/55/60	28	125	5,000

Fibre concrete spacer for vertical and horizontal reinforcement for 2 and / or 3 different concrete covers. The fastening wire is inside the concrete cover.

DRUFA-SINGLE (WITHOUT WIRE)

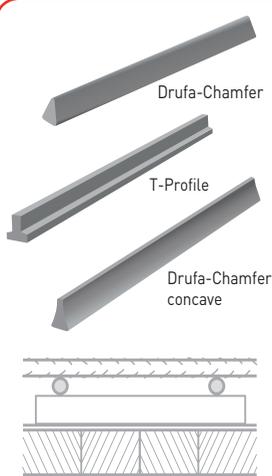


Drufa-Double BF	15 / 20	20	500	50,000
Drufa-Double BF	25 / 30	20	500	25,000
Drufa-Double BF	30 / 40	22	250	15,000
Drufa-Double BF	35 / 45	22	200	10,000
Drufa-Double BF	40 / 50	23	200	13,000
Drufa-Double BF	50 / 60	28	100	5,000
Drufa-Double BF	60 / 75	28	50	2,500
Drufa-Double BF	65 / 70	28	50	2,500

Double cover concrete spacers with flat base manufactured from extruded fibre reinforced concrete, for heavy duty applications. Particularly suitable for sulphate resistant and deep temperature application. Excellent bond due to being as strong as the surrounding concrete and having the same expansion characteristics as concrete.

Reference	Type	Concrete cover (mm)	Packing qty.	Characteristic
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DRUFA-CHAMFER

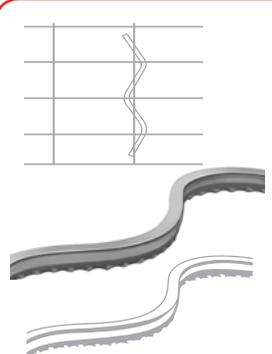


Drufa-Chamfer	100 / 20	20	1,500
Drufa-Chamfer	100 / 25	25	1,000
Drufa-Chamfer	100 / 30	30	750
Drufa-Chamfer	100 / 35	35	600
Drufa-Chamfer	100 / 40	40	400
Drufa-Chamfer	100 / 50	50	250
Drufa-Chamfer	100 / 30 T	30	1,000
Drufa-Chamfer	100 / 35 T	35	750
Drufa-Chamfer	100 / 40 T	40	600
Drufa-Chamfer	100 / 45 T	45	500
Drufa-Chamfer	100 / 50 T	50	400
Drufa-Chamfer	100 / 55 T	55	300
Drufa-Chamfer	100 / 60 T	60	250
Drufa-Chamfer	100 / 70 K	70	200
Drufa-Chamfer	100 / 100 T	100	100

Linear fibre-reinforced concrete spacer, supply length approx 1.00 m. Drufa chamfer is available as solid profile, T profile, and in concave design. The T profile is extremely sturdy and suitable for high loads.

K = concave design, T = T profile

DRUFA-SNAKE-80 + 100 (WITH BURLS)

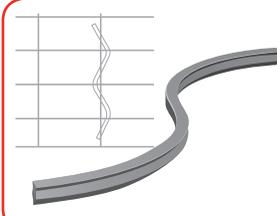


Drufa-Snake	80 / 20 N	20	2,000
Drufa-Snake	80 / 25 N	25	1,750
Drufa-Snake	80 / 30 N	30	1,500
Drufa-Snake	80 / 35 N	35	1,250
Drufa-Snake	80 / 40 N	40	1,000
Drufa-Snake	80 / 45 N	45	800
Drufa-Snake	80 / 50 N	50	600
Drufa-Snake	80 / 55 N	55	500
Sturdy concave design, length 1.00 m			
Drufa-Snake	100 / 30 KN	30	800
Drufa-Snake	100 / 35 KN	35	750
Drufa-Snake	100 / 40 KN	40	400
Drufa-Snake	100 / 50 KN	50	250

Fibre-reinforced concrete spacer in waved design with punctiform contact with formwork, for horizontal reinforcement, preferably for precast concrete parts. Suitable for exposed concrete construction under certain conditions. The effective length is about 80 cm and/or 100 cm.

	Reference	Type	Concrete cover (mm)	Packing qty.	Characteristic
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DRUFA-SNAKE



Drufa-Snake	80 / 20	20	2,000	Snake-shaped fibre-reinforced concrete spacer for horizontal reinforcement. The spacer features minor contact with the formwork. The effective length is about 80 cm.
Drufa-Snake	80 / 25	25	1,750	
Drufa-Snake	80 / 30	30	1,500	
Drufa-Snake	80 / 35	35	1,100	
Drufa-Snake	80 / 40	40	950	
Drufa-Snake	80 / 45	45	750	
Drufa-Snake	80 / 50	50	600	
Drufa-Snake	80 / 55	55	500	

DRUFA-SNAKE (SHORT)



Drufa-Snake	33 / 20	20	4,000	Fibre-reinforced concrete spacer with minor contact with formwork, slightly bent to avoid tilting. The effective length is approx. 33 cm.
Drufa-Snake	33 / 25	25	3,200	
Drufa-Snake	33 / 30	30	2,400	
Drufa-Snake	33 / 35	35	2,000	
Drufa-Snake	33 / 40	40	1,600	
Drufa-Snake	33 / 45	45	1,600	
Drufa-Snake	33 / 50	50	1,000	

	Reference	Concrete Cover (mm)	Bar Dia. (mm)	Footprint (mm)	Packing qty.	Characteristic
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OBENFIXER XC INDIVIDUAL HYSTOOL



Obenfixer XC	80	6	15 x 15	100	Reasonably priced yet sturdy spacer for upper reinforcement made of steel wire (6 mm) with plastic-coated legs. According to VOB (Part C, Item 5.3.1), Obenfixer XC is part of the reinforcement and is charged together with the reinforcement.
Obenfixer XC	90	6	15 x 15	100	
Obenfixer XC	100	6	15 x 15	100	
Obenfixer XC	110	6	15 x 15	100	
Obenfixer XC	120	6	15 x 15	100	
Obenfixer XC	130	6	15 x 15	100	
Obenfixer XC	140	6	15 x 15	100	
Obenfixer XC	150	6	15 x 15	100	
Obenfixer XC	160	6	15 x 15	100	
Obenfixer XC	170	6	15 x 15	100	
Obenfixer XC	180	6	15 x 15	100	
Obenfixer XC	190	6	15 x 15	100	
Obenfixer XC	200	6	15 x 15	100	

	Reference	Suitable for Durchlass	Packing Quantity	Characteristic
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DICHT-PLUG



DICHT-PLUG	20	500 / 1,000	Flexible plug made of soft PVC for closing of formwork spacers.
DICHT-PLUG	22	500 / 1,000	
DICHT-PLUG	26	250 / 1,000	
DICHT-PLUG	32	125 / 500	

	Reference	Type	Suitable for Durchlass	Packing Qty. per bag	Characteristic
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PVC CONE



Cone	14	14 / 19	1,000 / 5,000	These are prefix cones for site manufacture of formwork spacers. They are removed after stripping the formwork and are reusable.
Cone	20	20 / ..	500 / 2,500	
Cone	22	22 / ..	500 / 2,500	
Cone	26	26 / 30	500 / 2,500	
Cone	32	32 / 38	250 / 1,750	
Cone	40*	40 / 46	125 / 1,000	

	Reference	For Steel Dia. (mm)	Length (mm)	Packing qty.	Characteristic
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MUSHROOM PROTECTIVE CAPS



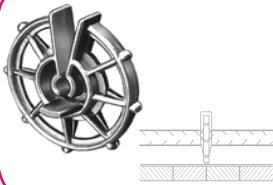
Mushroom caps	8 - 16	50	250 / 2.500	Protective cap made of plastic for exposed bar ebds. Protects workers from injuries. Bright color.
Mushroom caps	16 - 32	70	125 / 500	

Vertical Spacers

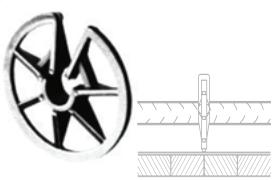


	Reference	Concrete Cover (mm)	For Steel Dia. (mm)	Bar Size	Packing Quantity	Characteristic
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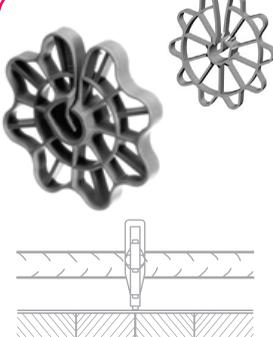
PICOFIX

	Picofix	15	5 - 10	#3	1 000	Wheel type plastic spacers for light to medium duty applications. Alternative light weight wheel spacers that will each accommodate a range of bar diameters.
	Picofix	20	5 - 10	#3	1 000	
	Picofix	25	5 - 10	#3	1 000	
	Picofix	30	5 - 10	#3	1 000	

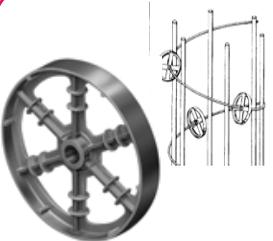
SPARFIX

	Sparfix	10	3 - 5		1 000	Wheel type plastic spacers for light to medium duty applications. Alternative light weight wheel spacers that will each accommodate a range of bar diameters.
	Sparfix	15	3 - 5		1 000	
	Sparfix	15	6 - 8	#2	1 000	
	Sparfix	20	3 - 5		1 000	
	Sparfix	20	6 - 8	#2	1 000	

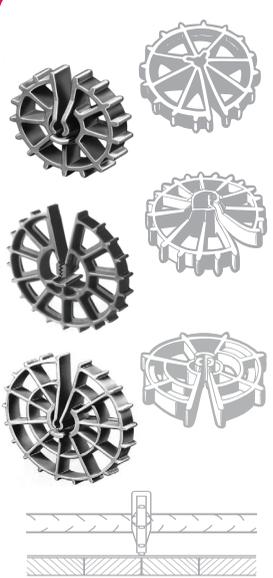
DINKI

	Dinki	15	4 - 10, 4 - 12	#1 - #3	1,000-5,000	Spacer for vertical reinforcement. Due to its special design Dinki is suitable for various bar diameters. Open structure for excellent concrete flow characteristics.
	Dinki	20	4-8, 4-10, 4-12, 5-16, 12-20	#1 - #6	250 - 5,000	
	Dinki	25	4-10, 4-12, 5-16, 12-20	#1 - #6	250 - 2,500	
	Dinki	30	4 - 12, 5 - 16, 8 - 18	#1 - #6	125 - 1,000	
	Dinki	35	4 - 8, 4 - 12, 5 - 16	#1 - #5	125 - 1,000	
	Dinki	40	5 - 14, 5 - 16, 12 - 20	#2 - #6	125 - 500	
	Dinki	50	4 - 10, 5 - 16, 12 - 20	#1 - #6	50 - 500	
	Dinki	60	6 - 14	#2 - #4	50 - 500	
	Dinki	70	12 - 20	#2 - #6	25 - 250	

DRIFIX HEAVY DUTY PILE CAGE SPACERS

	Drifix G	45	≤ 14	≤ #5	100	Drifix spacers for construction of reinforced foundations, such as insitu piling and diaphragm wall applications. Specifically designed to give cover to pile cage reinforcement steel. Drifix is threaded onto the helical steel and acts as a guide wheel when the reinforcement cage is lowered into the ground.
	Drifix K	45	8 - 16	#3-#5	100	
	Drifix G	70	≤ 12	≤ #4	100	
	Drifix K	75	8 - 16	#3-#5	100	
	Drifix	75	≤ 14	≤ #5	100	
	Drifix	100	≤ 14	≤ #5	100	
	Drifix G	125	≤ 14	≤ #5	50	

MINIFIX CIRCULAR PLASTIC SPACERS

	Minifix	5	4 - 6	#1-#2	5.000	The Minifix plastic spacer is the most extensively used circular spacer for precast and on site concrete applications, with world wide sales exceeding any other plastic spacer. Universal use. Clamping tongues for a wide range of bar sizes. Wide contact surface and foot members increase load capacity and prevent tipping. Open construction which does not interrupt concrete flow. Minimal contact with formwork.
	Minifix	10	4 - 8	#1-#2	1.000	
	Minifix	12,5	4 - 8	#1-#2	1.000	
	Minifix	15	4-8, 8-12, 10-14, 14-18	#1-#6	1.000	
	Minifix	20	4-8, 4-18, 6-10, 8-12	#1-#5	1.000	
	Minifix	20	10 - 14, 12 - 16	#3-#5	500	
	Minifix	25	4 - 8, 4 - 18	#1-#6	1.000	
	Minifix	25	6-10, 10-14, 12-16, 16-20	#2-#3	500	
	Minifix	30	4 - 8, 8 - 12, 4 - 18	#1-#6	500	
	Minifix	35	5 - 10, 10 - 20	#2-#6	500	
	Minifix	40	4-8, 4-18, 8-12	#1-#6	500	
	Minifix	40	12 - 20, 20 - 30	#4-#9	250	
	Minifix	45	4 - 8, 8 - 12, 4 - 18	#1-#6	250-500	
	Minifix	50	4-10, 4-18, 8-12, 12-20	#1-#6	250	
	Minifix	60	4-18, 12 - 28	#1-#9	250	
	Minifix	70	12-20	#4-#6	100	
	Minifix	75	4 - 18, 20 - 26	#1-#8	100	
	Minifix	100	4 - 18, 12 - 32	#1-#10	75	

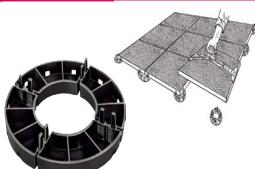
	Reference	Color	Tab Height (mm)	Adjustable height	Characteristic
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TILE LEVELERS

	PESJ-001	Black	4.5	100 to 170	Polypropylene terrace pedestals are height-adjustable from 11 to 1030 mm depending on the pedestal type. The quality of the materials means that they will withstand the harshest extremes of weather and UV radiation, as well as giving remarkable stability.
	PESJ-002	Black	4.5	73 to 110	

	Reference	Dia of spacer (mm)	Height of Spacer	Weight kg/ctn.	Packing pcs/ctn.	Characteristic
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UNDERLAY SPACERS

	TILE-003	150	20	2.0	150	Tile Levelers supports quickly and easily resolve problems arising from the intallation of a paving system. The support consists of a high resistance base which is placed directly on to the waterproofing cap sheet
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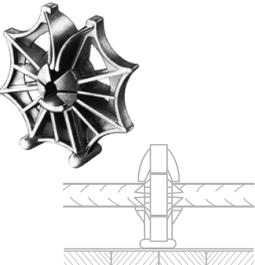
	Reference	Dia of spacer (mm)	Height of Spacer	Weight kg/ctn.	Packing pcs/ctn.	Characteristic
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DUX-OPEN

	Dux	10	4-5	#1-#2	1.000-10.000	Spacer for vertical reinforcement with tangential bar insertion for secure seating on the rebar. Open structure for excellent concrete flow characteristics.
	Dux	15	4-6, 6-8, 10-12, 14-18	#1-#6	500-5.000	
	Dux	20	4-6, 6-8, 10-12, 14-18, 20-26	#1-#8	250-5.000	
	Dux	25	4-6, 6-8, 10-12, 14-18, 20-26	#1-#8	250-2.500	
	Dux	30	6-8, 10-12, 14-18, 20-26	#2-#8	125-1.000	
	Dux	35	5-10, 10-20	#2-#6	125-1.000	
	Dux	40	6-8, 10-12, 14-18, 20-26	#2-#8	125-1.000	
	Dux	45	5-10, 10-20	#2-#6	50-500	
	Dux	50	10-12, 14-18, 20-26, 20-30	#3-#9	50-500	
	Dux	60	10-20	#3-#4	50-250	
	Dux	70	5-10	#2-#3	50-250	
	Dux	95	5-10	#2-#3	25-200	

	Reference	Dia of spacer (mm)	Height of Spacer	Weight kg/ctn.	Packing pcs/ctn.	Characteristic
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KLEMMFIX HEAVY DUTY PLASTIC SPACERS

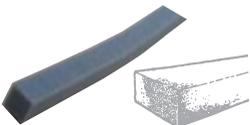
	Klemmfix	15	6 - 12, 13 - 20	#2 - #6	1,000-500	Klemmfix is a sturdy plastic spacer, designed for heavy duty applications, both vertical and horizontal. Elastic barbs prevent spacer from falling off, clamp lips prevent spacer from slipping sideways even with different steel diameters. Extra-wide bar support area and footing increase load capacity and avoid tipping.
	Klemmfix	20	6 - 12, 13 - 20	#2 - #6	1,000-500	
	Klemmfix	25	6 - 12, 13 - 20	#2 - #6	500	
	Klemmfix	30	6 - 12, 13 - 20	#2 - #6	500	
	Klemmfix	35	6 - 12, 13 - 20	#2 - #6	500	
	Klemmfix	40	6 - 12, 13 - 20	#2 - #6	250	
	Klemmfix	50	6 - 12, 13 - 20, 12 - 28	#2 - #6	200-250	
	Klemmfix	60	12 - 28	#4 - #9	100	

Waterstop & Joints

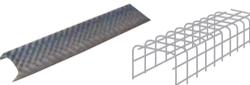


	Reference	Dimension (mm)	Length (m)	Packing qty.	Characteristic
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DUXPA-BENTONITE-STRIP

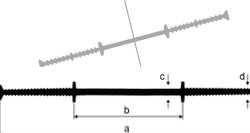
	Duxpa-bentonite-strip	21 x 16	5	30 / 720	Expanding sealing strip made of sodium bentonite intended for sealing of working joints and other openings in structures. Seals against water. Replaces waterstops and metal strips.
	Duxpa-bentonite-strip	24 x 18	5	30 / 720	

DUXPA-BENTONITE-ROD

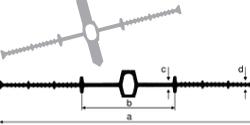
	Duxpa-bentonite-Rod	21 x 16	1.00	30	Bentonite expansion strip with pre-assembled Duxpa-Mesh
	Duxpa-bentonite-Rod	24 x 18	1.00	30	

	Reference	Size 'a' (mm)	Size 'b' (mm)	Size 'c' (mm)	Size 'd' (mm)	Weight (kg/m)	Characteristic
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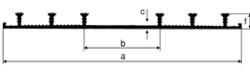
JOINTFIX Plain web sections for use in construction and construction joints:

	Jointfix 120	110	25	3.0	2.5	0.60	The concept is to provide a water barrier across all joints in concrete structures by casting the section centrally into the edges of adjacent concrete components.
	Jointfix 150	150	45	3.0	2.5	0.75	
	Jointfix 200	190	70	3.0	2.5	0.90	
	Jointfix 240	240	80	3.5	2.5	1.20	
	Jointfix 320	320	100	4.5	3.0	1.80	

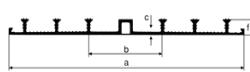
Centre bulb sections for use in expansion or construction joints:

	Jointfix E 150	150	50	3.5	2.5	0.90	
	Jointfix E 200	190	65	3.5	2.5	1.15	
	Jointfix E 240	240	80	4.0	3.0	1.50	
	Jointfix E 320	320	110	5.0	3.5	2.30	
	Jointfix E 350	350	110	5.0	3.5	2.40	

Plain web sections for use in construction and construction joints:

	Jointfix A 200	190	66	4	15	1.25	
	Jointfix A 250	240	90	4	20	1.60	
	Jointfix A 320	330	105	4	20	2.30	

Sections incorporate a flat top centre box to accommodate movement in expansion joints and to provide a seating to support the joint filler:

	Jointfix A 200 E	190	92	4	17	1.45	
	Jointfix A 250 E	240	90	4	20	1.80	
	Jointfix A 320 E	330	105	4	20	2.50	

	Reference	Height (mm)	Packing qty.	Characteristic
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BACK-UP ROD

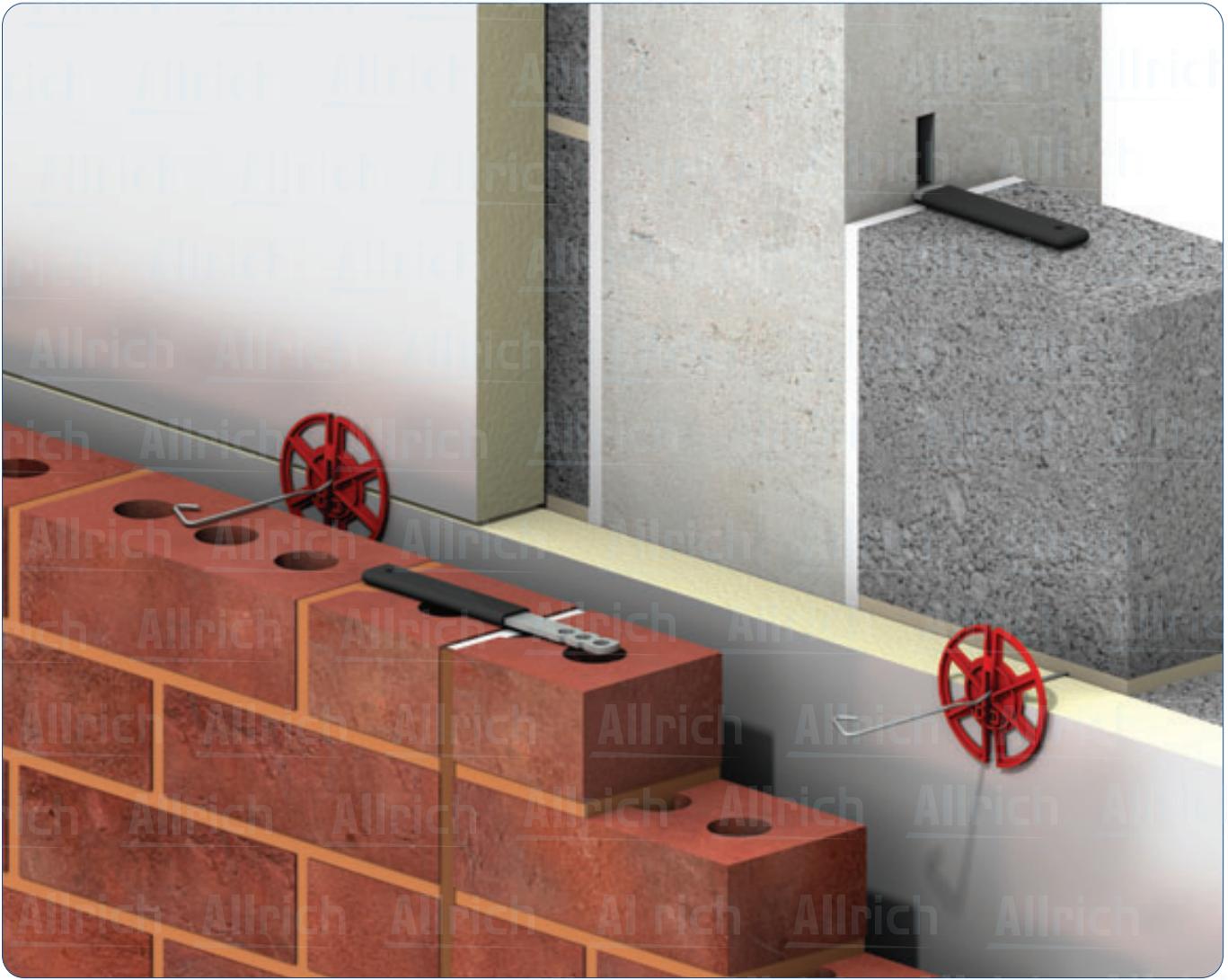
	Back-up rod 10	10	600	Extruded, closed cell polyethylene back-up rod. Light and durable foam with shock absorbing and heat insulating properties. Back-up rods are designed as non-absorbent low density joint filler, suitable as resilient backfill, which can be used in various sealing applications. Sizes 6 mm, 8 mm and 13 mm are solid. All other sizes from 15 mm onwards are hollow profiles
	Back-up rod 13	13	400	
	Back-up rod 16	16	250	
	Back-up rod 20	20	150	
	Back-up rod 25	25	100	
	Back-up rod 30	30	80	
	Back-up rod 35	35	180	
	Back-up rod 40	40	120	
	Back-up rod 50	50	84	

	Reference	Density (kg/m ³)	Recovery Value (%)	Tear Strength (kgs/cm)	Water Absorption (%)	Characteristic
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LEADERFOAM

	LF-30	60	>97	2.90	<0.7	Leaderfoam is a flexible readily compressible, closed-cell polyethylene joint filler. Available in different densities and color in forms of sheets
	LF-40	60	>96	2.90	<0.4	
	LF-60	60	>93	2.90	<0.35	
	LF-60	60	>93	2.90	<0.35	

Wall Fixing & Insulation



	Code	Designation	Diameter (mm)	Length (mm)	Weight (gram)	Triangle Size (mm)
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GI BUTTERFLY INSERT CLIP

		GI BUTTERFLY INSERT CLIP	2.5	200	13	100 x 70 x 100 mm
		GI BUTTERFLY INSERT CLIP	3.0	250	18	100 x 70 x 100 mm

SS TRIANGLE DOUBLE DRIP

		SS TRIANGLE DOUBLE DRIP	3.0	200	20	50 x 50 x 50 mm
		SS TRIANGLE DOUBLE DRIP	3.0	250	25	50 x 50 x 50 mm

VERTICAL TWIST (GI & SS)

		SS VERTICAL TWIST	2.0	20	150	60
		SS VERTICAL TWIST	2.0	20	200	80
		SS VERTICAL TWIST	2.0	20	250	100

WALL TIES (GI & SS)

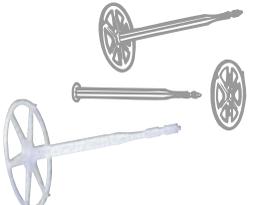
		WALL TIES GALVANIZED 2.0 mm	40	20	150	Rawmaterials Quality/Grade : Hotdip Galvanized ASTM A 366 Zinc Coating: ASTM A 153 Class B-2: (1.50 oz/ft2)(0.46kg/m2)
		WALL TIES GALVANIZED 2.0 mm	40	20	200	
		WALL TIES GALVANIZED 2.0 mm	40	20	250	

	Reference	Length (mm)	For insulation thickness of approx. (mm)	Packing Quantity	Characteristic
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FIXING PIN TYPE ULTRA (ONE PIECE)

		Fixing pin type ultra	80	40 / 50	125 / 1,000	For use of fixing pins in the field of thermal insulation composite systems, the pertinent regulations are to be observed. For fixing of rigid insulating materials to walls, bore hole Ø = 8 mm, bore hole depth at least 40 mm. Material: Light-stabilised plastic*
		Fixing pin type ultra	100	60 / 70	125 / 1,000	
		Fixing pin type ultra	120	80 / 90	125 / 1,000	
		Fixing pin type ultra	140	100 / 110	125 / 1,000	
		Fixing pin type ultra	160	120 / 130	125 / 1,000	
		Fixing pin type ultra	180	140 / 150	125 / 1,000	
		Fixing pin type ultra	200	160 / 170	125 / 1,000	

DUPLASTIFT (TWO-PIECES)

		Duplastift	80	40 / 50	125 / 1,000	For fixing of soft insulating material to walls, bore hole Ø = 8 mm, bore hole depth at least 40 mm. Material: Light-stabilised plastic*
		Duplastift	100	60 / 70	125 / 1,000	
		Duplastift	120	80 / 90	125 / 1,000	
		Duplastift	140	100 / 110	125 / 1,000	
		Duplastift	160	120 / 130	125 / 1,000	
		Duplastift	180	140 / 150	125 / 1,000	
		Duplastift	200	160 / 170	125 / 1,000	

DURCH

		Durch	50	50	1,000 / 10,000	Plastic nail to be pushed through the insulating material. Field of application: Fixing of insulating material to concrete.
		Durch	70	70	1,000 / 5,000	
		Durch	75	75	1,000 / 5,000	
		Durch	90	90	1,000 / 5,000	
		Durch	100	100	500 / 4,000	
		Durch	125	125	250 / 2,500	
		Durch	150	150	250 / 1,000	
		Durch	200	200	125 / 1,000	

	Reference	Thickness (mm)	Width (mm)	Length (mm)	Weight (gram)	Packing (pcs/ctn.)	Weight (gram)
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DEBONDING SLEEVE

	Debonding Sleeve	0.6	25	200	30	100	Debonding ties require 100 mm embedment. A 120 mm long sleeve will provide an allowance for movement and tolerance and will be suitable for most applications
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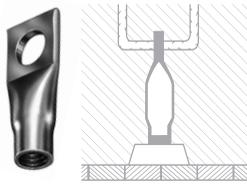
Precast Technology

Allrich



	Reference	Thread	Length (mm)	Packing Quantity	Characteristic
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FIXING SOCKET

	Fixing socket M 8 / 40	M 8	40	100	Thick-walled, heavy duty steel cast-in socket with metric thread. Higher tensile load tanks to punched flat end insted of perforated cross hole. Yellow, electro galvanised. Multi-purpose socket. High draw-out values can be obtained even without reinforcement.
	Fixing socket M 10 / 50	M 10	50	100	
	Fixing socket M 12 / 60	M 12	60	100	
	Fixing socket M 12 / 70	M 12	70	100	
	Fixing socket M 16 / 60	M 16	60	100	
	Fixing socket M 16 / 80	M 16	80	100	
	Fixing socket M 16 / 90	M 16	90	100	

CRIMPED FIXING SOCKET

	Crimped fixing WM 8-40	M 8	40	100	Galvanised fixing inserts with metric thread and flat, crimped end. This insert is particularly suitable for shallow concrete units where is insufficient depth to install a hairpin reinforcing bar anchorage. These sockets must not be used as lifting anchors.
	Crimped fixing WM 10-50	M 10	50	100	
	Crimped fixing WM 12-60	M 12	60	100	
	Crimped fixing WM 12-70	M 12	70	100	
	Crimped fixing WM 16-60	M 16	60	100	
	Crimped fixing WM 16-70	M 16	70	100	
	Crimped fixing WM 16-90	M 16	90	100	

CRIMPED FIXING SOCKET (WITH FIXING PLATE)

	Crimped fixing WM 8 - 40 / K	M 8	40	100	As crimped fixing sockets above but with pre-assembled fixing plates for attachment to steel formwork. These sockets must not be used as lifting anchors.
	Crimped fixing WM 10 - 50 / K	M 10	50	100	
	Crimped fixing WM 12 - 60 / K	M 12	60	100	
	Crimped fixing WM 12 - 70 / K	M 12	70	100	
	Crimped fixing WM 16 - 60 / K	M 16	60	100	
	Crimped fixing WM 16 - 70 / K	M 16	70	100	
	Crimped fixing WM 16 - 90 / K	M 16	90	100	

	Reference	Suitable for	Thread	Plate Dia. (mm)	Packing Quantity	Characteristic
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FIXING PLATE (WITH THREAD)

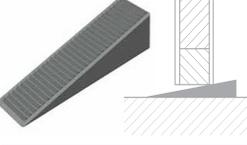
	Fixing plate	M 8 blue	58	-	100	Reusable fixing plate for fixing dowels to formwork. To be screwed out of the dowel after pouring the concrete. Height of plate: 10 mm
	Fixing plate	M 10 yellow	58	M 4	100	
	Fixing plate	M 12 red	58	M 6	100	
	Fixing plate	M 16 black	58	M 10	100	
	Fixing plate	M 20 yellow	58	M 10	100	
	Fixing plate	M 24 blue	58	M 10	100	
	Fixing plate	M 30 black	58	M 10	100	

RE-USABLE PLASTIC NAILING PLATE (WITH DEEPER RECESS)

	Plastic nailing plate 20 M 8	M 8	48	500	As Nailing plate above but leaving inserts in a 20 mm deep recess.
	Plastic nailing plate 20 M 10	M 10	48	500	
	Plastic nailing plate 20 M 12	M 12	48	500	
	Plastic nailing plate 20 M 14	M 14	48	500	
	Plastic nailing plate 20 M 16	M 16	48	500	
	Plastic nailing plate 20 M 18	M 18	48	500	
	Plastic nailing plate 20 M 20	M 20	48	500	
	Plastic nailing plate 20 M 24	M 24	48	500	

	Reference	Length (mm)	Width (mm)	Height (mm)	Packing Quantity	Characteristic
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PLASTIC WEDGE

	Wedge 2	50	14	12	1,000	Made of plastic material, high loading capacity, dimensionally stable, and rot-proof. Corrugated surface prevents slipping.
	Wedge 4	75	28	12	1,000	
	Wedge 6	120	35	20	500	
	Wedge 7	50	35	7 / 10	500	

	Reference	Thread	Packing Quantity/Sack	Characteristic
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SHIMPAD

	Druleg	2	250 / 1,000	Sturdy plastic shims in various sizes. Druleg serves as an assembly means, e.g. when installing precast concrete parts. The load should be distributed all-over and not on single points. Despite its high stability, it is not suitable for permanent use; after
	Druleg	3	250 / 1,000	
	Druleg	4	125 / 500	
	Druleg	5	125 / 500	
	Druleg	6	125 / 500	
	Druleg	7	125 / 500	
	Druleg	8	125 / 500	
	Druleg	9	125 / 250	
	Druleg	10	125 / 250	
	Druleg	15	50 / 250	
	Druleg	20	50 / 250	

SHIMPAD (WITH SLOT)

	Drulg / with slot	2	250 / 1,000	They are used where the shim has to be pushed e.g. over connection dowels.
	Drulg / with slot	3	250 / 1,000	
	Drulg / with slot	5	125 / 500	
	Drulg / with slot	7	125 / 500	
	Drulg / with slot	9	125 / 250	
	Drulg / with slot	10	125 / 250	

	Reference	Load rating (t)	L (mm)	D (mm)	D1 (mm)	D2 (mm)	S (mm)	Characteristic
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LIFTFIX ANCHOR

	Liftfix anchor	1.3	240	10	19	25	10	The Liftfix system is perfectly suitable for transporting, lifting, and installing concrete elements. This lifting system presents the safest method to transport concrete elements. Time saving during transport and low costs for a Liftfix anchor turn this lifting system into one of the most economic solutions. The Liftfix lifting anchor system comprises of a cast-in Liftfix anchor, a reusable Liftfix recess former made of rubber.
	Liftfix anchor	2.5	120	14	26	35	11	
	Liftfix anchor	5.0	180	20	36	50	15	
	Liftfix anchor	7.5	300	24	47	60	15	
	Liftfix anchor	10.0	680	28	47	70	15	
	Liftfix anchor	15.0	400	39	70	80	15	

	Reference	Type	for load rating (kg)	Characteristic
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LIFTFIX RUBBER RECESS FORMER

	Liftfix recess former	Former 1	1,300	
	Liftfix recess former	Former 2	2,500	
	Liftfix recess former	Former 3	5,000	
	Liftfix recess former	Former 4	7,500 / 10,000	
	Liftfix recess former	Former 5	15,000 / 20,000	

LIFTFIX LIFTING EYES

	Lifting eye	Lifter 1	1,300	
	Lifting eye	Lifter 2	2,500	
	Lifting eye	Lifter 3	5,000	
	Lifting eye	Lifter 4	7,500 / 10,000	
	Lifting eye	Lifter 5	15,000 / 20,000	

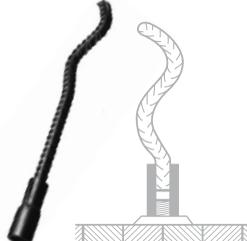
	Reference	Thread	Length (mm)	Load rating (kg)	Packing qty.	Characteristic
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LIFTING LOOP

	Lifting loop M 12	M 12	130	900	50	A threaded ferrule swaged onto a high quality, flexible wire rope loop, in accordance with German standards DIN 3060 and DIN 3064. Other sizes are available on request	
	Lifting loop M 16	M 16	170	1,700	50		
	Lifting loop M 20	M 20	210	3,100	25		
	Lifting loop M 24	M 24	260	3,900	25		
	with round thread						
	Lifting loop Rd 12	Rd 12	130	900	50		
	Lifting loop Rd 14	Rd 14	150	1,400	50		
	Lifting loop Rd 16	Rd 16	170	1,700	50		
	Lifting loop Rd 18	Rd 18	190	2,400	25		
	Lifting loop Rd 20	Rd 20	210	3,100	25		
	Lifting loop Rd 24	Rd 24	260	3,900	25		
	Lifting loop Rd 30	Rd 30	340	5,000	10		
	Lifting loop Rd 36	Rd 36	380	7,900	10		
	Lifting loop Rd 42	Rd 42	420	10,200	1		
	Lifting loop Rd 52	Rd 52	550	17,500	1		

	Reference	Thread	for steel Dia. (mm)	Length (mm)	Load rating (kg)	Packing qty.	Characteristic
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WAVED END HEAVY DUTY INSERT

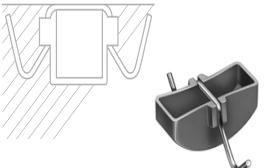
	Waved end insert Rd 12-150	Rd 12	8	150	500	50	Waved end heavy duty inserts on a special curved reinforcement bar that has been swaged onto a galvanised, threaded ferrule. Stainless steel versions and different rod lengths are available on request. Please note that other steel diameters or different rod lengths may result in reduction of load level.
	Waved end insert Rd 14-180	Rd 14	10	180	800	50	
	Waved end insert Rd 16-230	Rd 16	12	230	1,200	50	
	Waved end insert Rd 18-260	Rd 18	14	260	1,600	25	
	Waved end insert Rd 20-260	Rd 20	14	260	2,000	25	
	Waved end insert Rd 24-300	Rd 24	16	300	2,500	25	
	Waved end insert Rd 30-420	Rd 30	20	420	4,000	10	
	Waved end insert Rd 36-460	Rd 36	25	460	6,300	10	
	Waved end insert Rd 42-500	Rd 42	32	500	8,000	10	

	Reference	Load rating (kg)	Packing Qty.	Characteristic
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TRANSFIX B LIFTING DEVICE

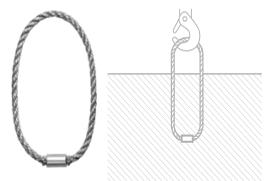
	Transfix B lifting device	1.250	50	Cast-in transport system for precast concrete units. Consisting of a plastic box with lid and galvanised ring blot according to DIN 763 for use with standard transporting hooks.
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HEBEFIX LIFTING DEVICE

	Transfix B lifting device	150	250	Cast-in transport system for precast concrete units. Consisting of a plastic box with lid and galvanised ring blot according to DIN 763 for use with standard transporting hooks.
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	Reference	Length (mm)	Cable Dia. (mm)	Load rating (kg)	Packing qty.	Characteristic
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CAST-IN LIFTING LOOP

	Cast-in loop 200	200	6	800	100	Cast-in lifting loops provide an economical method of lifting precast concrete units. The cast-in lifting loops are situated in the concrete element at the open side of the mould. The loops are flexible and can be connected directly to a crane hook.
	Cast-in loop 220	220	7	1,200	100	
	Cast-in loop 235	235	8	1,600	50	
	Cast-in loop 255	255	9	2,000	50	
	Cast-in loop 280	280	10	2,500	10	
	Cast-in loop 330	330	12	4,000	10	

Reference	Thread Dia.	Hole Dia. (mm)	Length (mm)	Depth(hole) (mm)	Packing Per Ctn.	Characteristic
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DROP IN ANCHOR

	Anch-001	M6	8	25	27	4000	Concrete Drop-in anchors are female concrete anchors designed for anchoring into concrete. Drop the anchor into the predrilled hole in the concrete. Using a setting tool expands the anchor within the hole in the concrete
	Anch-002	M8	10	30	32	2000	
	Anch-003	M10	12	40	42	1150	
	Anch-004	M12	15	50	52	500	
	Anch-005	M16	20	65	67	200	
	Anch-006	M20	25	80	82	150	

EXPANSION SLEEVE ANCHOR

	Anch-033	M8 x 60	12	60	62	1000	Expansion sleeve anchors offer four-way expansion, to provide exceptional grip allowing for oversized holes caused by powerful drills in weaker materials. Zincplated min 5 micron.
	Anch-034	M10 x 80	14	80	82	200	
	Anch-035	M12 x 100	16	100	112	100	

METAL FRAME ANCHOR

	Anch-007	M10 x 132	12	132	134	600	For fixing of plastic, wood aluminum window and frames to concrete, brick hollow block sand cheker brick. yellow zinc plated passivated steel screw with special pozi.
	Anch-008	M10 x 152	12	152	154	550	
	Anch-009	M10 x 72	12	72	74	800	
	Anch-010	M10 x 92	12	92	94	800	
	Anch-011	M10 x 112	12	112	114	800	

SLEEVE ANCHOR BOLT TYPE

	Anch-012	M10 x 100	12	100	102	500	Hex Nut/Hex Bolt: Bright Zinc plated Designed for use in Brickwork. Fast Installation; Partial Corrosion Resistance (Bzp)
	Anch-013	M10 x 80	12	80	82	800	
	Anch-014	M10 x 75	12	75	77	500	
	Anch-015	M10 x 65	12	65	67	800	
	Anch-016	M10 x 60	12	60	62	800	
	Anch-017	M10 x 48	12	48	50	1000	
	Anch-018	M8 x 80	10	80	82	1000	
	Anch-019	M8 x 60	10	60	62	1000	
Anch-020	M12 x 80	14	80	82	1000		

SLEEVE ANCHOR NUT TYPE

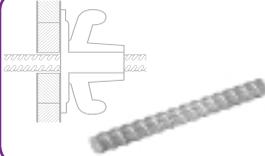
	Anch-021	M10 x 100	12	100	102	500	Hex Nut/Hex Bolt: Bright Zinc plated Designed for use in Brickwork. Fast Installation; Partial Corrosion Resistance (Bzp)
	Anch-022	M10 x 80	12	80	82	500	
	Anch-023	M10 x 75	12	75	77	500	
	Anch-025	M10 x 60	12	60	62	600	
	Anch-026	M12 x 80	15	80	82	400	
	Anch-027	M12 x 77	12	77	79	400	
	Anch-028	M12 x 60	15	60	62	500	

THROUGH BOLT ANCHOR

	Anch-029	M10 x 100	12	100	102	500	Through Bolts are a single unit pre assembled wedge type anchor, consisting of a nut, washer, threaded bolt with a precision formed tapered mandril and spring steel expansion collar
	Anch-030	M10 x 80	12	80	82	500	
	Anch-031	M10 x 75	12	75	77	500	
	Anch-032	M10 x 60	12	60	62	600	

Reference	Quality	Thread type	Working Load (kN)	Packing Qty.	Characteristic
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FORM TIE ROD

	Tie rod DG 15/17	Hot rolled intermediate	not weldable	90.0	6	The safe way to tie wall formwork. Seifert form tie rods have been specially developed for reinforced concrete and tying applications, offering an economical solution where threaded joints with nuts or couplers are required.
	Tie rod DG 15/17	Hot rolled intermediate	weldable	90.0	6	
	Tie rod DG 15/17	Cold rolled continuous	weldable	85.0	6	

ANCHOR NUT

	Wing nut DG 15-100 mm	100	DG 15/17	25	Anchor nuts with two wings, made from high quality cast iron to accommodate tie rods DG 15/17. For use without counter plates in both timber and steel formwork. Hot-dip galvanised.
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Formwork systems & Profiles

Allrich



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	Reference	Concrete Cover (mm)	Weight (kg/100)	Packing Quantity	Characteristic
UNIFIX CHAIR SPACERS					
	Unifix 15	15	0,34	1 000	The Unifix chair spacer is the most popular spacer for use in horizontal applications such as suspended slabs, beams, etc. Some types are also suitable for supporting top reinforcement. Unifix has good stability can seat a large range of bar diameters.
	Unifix 20	20	0,43	1 000	
	Unifix 25	25	0,60	1 000	
	Unifix 30	30	0,90	500	
	Unifix 35	35	0,95	500	
	Unifix 40	40	1,10	500	
	Unifix 50	50	1,50	500	
	Unifix 60	60	2,30	500	
	Unifix 70	70	1,85	500	
	Unifix 80	80	2,07	500	
	Unifix 100	100	3,40	400	
	Unifix 115	115	3,88	200	
	Unifix 125	125	4,20	200	
Unifix 150	150	7,30	200		

	Reference	Concrete Cover (mm)	For Steel Dia. (mm)	Bar Size	Packing Quantity	Characteristic
CLAMPFIX PLASTIC REBAR CLIPS						
	Clampfix 15/ 4-12	15	4 - 12	#1-#4	1 000	Clampfix is a sturdy general purpose clip-on spacer used in all types of applications, found in precast yards and on site. It can be fixed horizontally or vertically on bars.
	Clampfix 20/ 4-16	20	4 - 16	#1-#5	1 000	
	Clampfix 25/ 4-18	25	4 - 18	#1-#6	1 000	
	Clampfix 30/ 4-18	30	4 - 18	#1-#6	1 000	
	Clampfix 40/ 4-18	40	4 - 18	#1-#6	1 000	
	Clampfix 50/ 4-18	50	4 - 18	#1-#6	1 000	
	Clampfix 60/ 4-18	60	4 - 18	#1-#6	500	
	Clampfix 65/ 4-18	65	4 - 18	#1-#6	500	
	Clampfix 75/ 6-20	75	6 - 20	#2-#6	500	

STYROFIX SINGLE COVER PLASTIC SPACER						
	Styrofix 14/20	20	4 - 14	#1-#4	25 /2.500	Spacer for horizontal reinforcement. suitable for soft ground or surfaces due to large base palte.
	Styrofix 14/30	25	4 - 14	#1-#4	25 /2.500	
	Styrofix 14/35	30	4 - 14	#1-#4	25 /1.000	
	Styrofix 14/40	40	4 - 14	#1-#4	25 /1.000	

STYROFIX-EXTRA DOUBLE COVER PLASTIC SPACER						
	Styrofix 15/ 20	15 or 20	≤ 16	≤ # 5	500	Styrofix-Extra is a double cover spacer that has been designed for use on soft ground, waterproof membranes, or in ground floor slabs, where its large base area prevents puncturing of polyethylene film and gives firm support to the reinforcing steel.
	Styrofix 25/ 30	25 or 30	≤ 16	≤ # 5	500	
	Styrofix 40/ 50	40 or 50	≤ 16	≤ # 5	200	
	Styrofix 50/ 60	50 or 60	≤ 16	≤ # 5	100	
	Styrofix 60/ 70	60 or 70	≤ 16	≤ # 5	100	
	Styrofix 70/ 80	70 or 80	≤ 16	≤ # 5	100	
	Styrofix 90/100	90 or 100	≤ 16	≤ # 5	100	

MULTIFIX PLASTIC CHAIR SPACERS						
	Multifix 10	10	6 - 14	#2-#4	500/5.000	Clamping spacer for use at the cross point of the reinforcement, mainly precast concrete members.
	Multifix 15	15	6 - 14	#2-#4	500/3.000	
	Multifix 20	20	6 - 14	#2-#4	500/2.500	
	Multifix 25	25	6 - 14	#2-#4	500/2.000	
	Multifix 30	30	6 - 16	#2-#5	500/2.000	
	Multifix 35	35	6 - 16	#2-#5	250/1.500	
	Multifix 40	40	6 - 16	#2-#5	125/1.000	
	Multifix 45	45	6 - 16	#2-#5	125/1.000	
	Multifix 50	50	6 - 16	#2-#5	125/1.000	

TIPFIX						
	Tipfix 20	20	4 - 14	# 5	1 000	Tipfix clip-on spacers are the optimum choice for light duty steel fixing applications, giving space
	Tipfix 25	25	4 - 14	# 5	1 000	
	Tipfix 30	30	4 - 14	# 5	1 000	
	Tipfix 35	35	4 - 14	# 5	1 000	
	Tipfix 40	40	4 - 14	# 5	1 000	

	Reference	For steel Dia. (mm)	Packing Qty. (m)	Characteristic
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WING NUT

	Wing nut DG 15, Type 1 galvanised	DG 15/17	100	Wing nuts with either one or two wings, made from high quality cast iron, to accommodate tie rods DG 15/17. For use in both timber and steel formwork with plate rib washers. Hot. dip galvanised or dyed.
	Wing nut DG 15, Type 2 galvanised	DG 15/17	100	

DUFTA IV

	Dufta IV - galvanised	10	50	Formwork clamps with eccentric and internal spring for steel up to 10 mm. The steel is held in place by the toothed wedge in the formwork clamp.
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	Reference	For steel Dia. (mm)	Packing Qty. (m)	Characteristic
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FORMWORK CLAMP

	Formwork clamp 4-10	4 - 10	50	Formwork clamps with reliable self locking wedge system
	Formwork clamp	Universal tensoning tool	1	

STEEL CHAMFER

	Steel chamfer 10x10 mm	10	14	400	100	Hot rolled chamfer, straightened and cut. For forming chamfered edges in precast concrete structures. Easily weldable. In particular suitable for steel formwork.
	Steel chamfer 15x15 mm	15	21	400	100	
	Steel chamfer 20x20 mm	20	28	400	100	

	Reference	Width (mm)	Height (mm)	Length (cm)	Packing Qty. (m)	Characteristic
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T-FIX PROFILE

	T-Fix profile 20/40	40	20	200	100	Protection profile mad from impact-strength PVC for filling and covering joints in walls or slabs.
	T-Fix profile 35/40	40	35	200	100	

	Reference	Base Width (mm)	Top Width (mm)	Height (mm)	Length (cm)	Packing Qty. (m)	Characteristic
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TRAPEZFIX

	Trapezfix 15	15	10	10	250	100	Sturdy, trapeze profile made from PVC. White in colour. Standard profile length is 2,5 meters. Other sizes on request.
	Trapezfix 20	20	15	10	250	100	
	Trapezfix 30	30	20	15	250	120	

	Reference	Size a (mm)	Size c (mm)	Length (cm)	Packing Quantity (m)	Characteristic
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CHAMFER

	Chamfer* I / 6	6	8	250	100	PVC profiles suitable for forming chamfered edges to colums and beams, and features such as those on expansion joints on walls. Chamfers are thick walled extrusions of impact strength PVC. Re-usable.
	Chamfer II / 10	11	15	250	100	
	Chamfer II / 15	15	21	250	100	
	Chamfer II / 20	20	28	250	100	
	Chamfer II / 25	25	35	250	50	
	Chamfer II / 30	30	42	250	50	

*without nailing holes

	Reference	Pipe Dia. (mm)	Nut Hex size (mm)	Standard	Weight (Kg)	Packing per. Bag	Characteristic
DROP FORGED BOARD RETAINING COUPLER							
	DF-BR-Coupler	48.6	21	BS1139/EN74	0.725	25	A device used for fixing a scaffold plank to the bearer (transom) to prevent the plank scaffold moved from its position.
DROP FORGED FIXED COUPLER							
	DF-Fixed Coupler	48.6	21	BS1139/EN74	1.05	25	Used for connection of 2 tubes at right angles.
DROP FORGED GRINDER GRAVLOCK COUPLER							
	DF-GG-Coupler	48.6	21	BS1139/EN74	1.60	15	Connecting a tube to the flange of a structural member such as H-Beam and Wf-Beam in right angle as a ties between scaffolding structure.
DROP FORGED PUTLOG COUPLER							
	DF-Putlog Coupler	48.6	21	BS1139/EN74	0.700	25	This Putlog Coupler connects putlog and transom tubes to ledger tubes in the same way as the conventional fitting, used to fix a toe board securely to a scaffold standard.
DROP FORGED SLEEVE COUPLER							
	DF-Sleeve Coupler	48.6	21	BS1139/EN74	1.25	20	Sleeve Couplers join two scaffold tubes externally end to end. A steel divider located centrally ensure equal insertion of each tube.
DROP FORGED SWIVEL COUPLER							
	DF-Swivel Coupler	48.6	21	BS1139/EN74	1.25	25	Used for connection of 2 tubes at any angles
PRESSED PUTLOG COUPLER							
	P-Putlog Coupler	48.6	21	BS1139/EN74	0.650	25	This Putlog Coupler connects putlog and transom tubes to ledger tubes in the same way as the conventional fitting, used to fix a toe board securely to a scaffold standard.
PRESSED FENCING COUPLER							
	P-Fencing Coupler	48.6	21	BS1139/EN74	0.500	30/50	Connecting two tubes in parallel direction. For example if we used double standards
PRESSED FIXED COUPLER							
	P-Fixed Coupler	48.6	17	JIS A 8951	0.640	30/50	Used for connection of 2 tubes at right angles

Reference	Pipe Dia. (mm)	Nut Hex size (mm)	Standard	Weight (Kg)	Packing per. Bag	Characteristic
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PRESSED SWIVEL COUPLER

	P-Swivel Coupler	48.6	17	JIS A 8951	1.25	30/50	Used for connection of 2 tubes at any angles
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Reference	Pipe Dia. (mm)	Nut Hex size (mm)	Standard	Weight (Kg)	Packing per. Bag	Characteristic
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JOINT PIN

	P-Swivel Coupler	48.6	17	JIS A 8951	1.25	30/50	Used for connection of 2 tubes at any angles
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Reference	Width (mm)	Thickness (mm)	Height (mm)	Weight (grm)	Packing per. Bag	Characteristic
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GI FAST LOCK COUPLER

	GI-FL-Coupler	20	5	135	210	100	For Scaffolding
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Reference	Surface	Inner Dia. (mm)	Inner Dia. (mm)	Length (mm)	Packing per. Bag	Characteristic
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THRUTY SLEEVE

	Thruty sleeve 14/19	smooth	14	19	2 000	100	Rigid PVC tube, supplied in lengths of 2 m, which can be easily cut to size on site. To be used as an expandable sleeve over tie rods, facilitating their removal and also acting as a spacer to give correct shutter position. Other lengths are available on request.
	Thruty sleeve 18/24	smooth	18	24	2 000	50	
	Thruty sleeve 20/24	rough	20	24	2 000	100	
	Thruty sleeve 20/26	rough	20	26	2 000	50	
	Thruty sleeve 22/26	rough	22	26	2 000	100	
	Thruty sleeve 22/28	rough	22	28	2 000	50	
	Thruty sleeve 26/30	smooth	26	30	2 000	50	
	Thruty sleeve 26/32	smooth	26	32	2 000	50	
	Thruty sleeve 30/36	rough	30	36	2 000	50	
	Thruty sleeve 32/38	rough	32	38	2 000	50	
	Thruty sleeve 37/40	smooth	35	38	2 400	60	
	Thruty sleeve 40/46	smooth	40	46	2 000	30	

Reference	Thread	Length (mm)	Weight (kg/100)	Packing per. Bag	Characteristic
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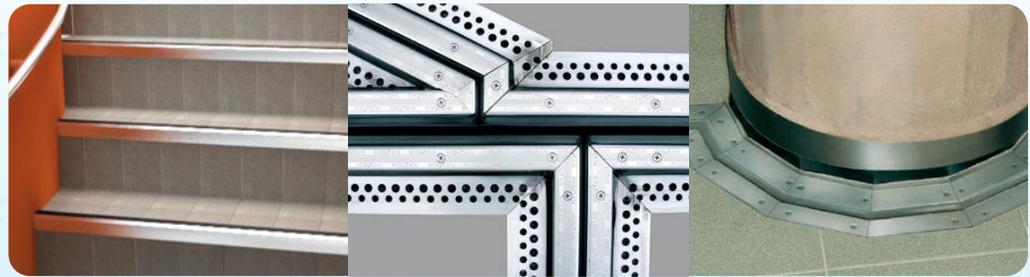
WATERSTOP CENTER PIECE

	Water barrier DG15	DG 15/17	~ 116	85,0	50	Suitable for typical tie bar system application with water barrier, thruty sleeve over tie bolt, plastic connectors and cones used at the ends of the thruty sleeve.
	Coupler R30			0,60	100	

Reference	Packing per. Bag	Characteristic
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CLAMP TENSIONER

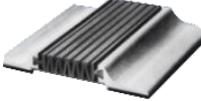
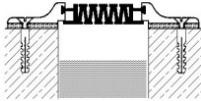
	Water barrier DG15	DG 15/17	~ 116	85,0	50	Galvanized . Applied to the clamp. Tension exerted by turning the handle.
	Coupler R30			0,60	100	



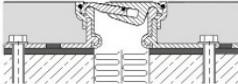
	Reference	Joint width max. (mm)	Total movement (mm)	Visible width (mm)	Total width (mm)	Characteristic
EXPANSION JOINTS FOR FLOORS (FROM 1 TO 24 CM)						
	FL - 21	20	5 (+3 / -2)	21	107 - 111	<p>Aluminium side plates with perforated aluminium mounting brackets. Flexible insert made of high quality synthetic rubber, long wearing, weather resistant, temperature resistant (-30°C to +120°C), extensively resistant to oils, acids and bitumen.</p> <p>Synthetic rubber insert replaceable at any time and can be installed in lengths up to 20 m. Good fixing by perforated mounting brackets. Profile absorbs settlements</p>
	BS - 35	30	10 (±5)	35	108 - 125	
	FV - 35	30	10 (±5)	35	108 - 125	
	FK - 35	30	10 (±5)	35	108 - 125	
	FT - 35	30	10 (±5)	35	108 - 125	
	FG - 35	30	6 (±3)	35	108 - 125	
	BS - 35 EE3	30	10 (±5)	35	35	
	BS - 35 EE3	54	16 (±8)	54	35	
	BS - 55	50	16 (±8)	35	150	
	BS - 55 Ni	50	16 (±8)	57	150	
	BSP - 55	58	22 (±11)	63	158	
	FP - 60	50	16 (+10 / -6)	63	197	
	FP - 60 Ni	50	20 (±10)	60	192	
	FP - 70	70	25 (+16+/-9)	76	210	
	FP - 70 ni	70	25 (+16+/-9)	78	210	
	FP - 70 MS	70	25 (+16+/-9)	78	210	
	FP - 100	90	30 (+18+/-12)	100	234	
	FP - 100 Ni	70	30 (±10)	102	234	
	FPO - 116	105	30 (±15)	116	249	
	FP - 135	120	34 (±17)	140	275	
	ES - 20	20	5 (+3+/-2)	20	117	
	ES - 33	30	10 (±5)	33	137-111	
	ES - 60	30	16 (+10 / -6)	60	160	
	ESF - 8 ES	5	2 (±1)	8	85	
	ESF - 22 Ni	5	4 (±2)	22	110	
	FS 99	70	40 (± 20)	99	186	
	FS 146	114	50 (± 25)	146	262	
	FSV 285	240	100 (+50/-50)	284	404	

	Reference	Joint width max. (mm)	Total movement (mm)	Visible width (mm)	Total width (mm)	Characteristic
EXPANSION JOINTS FOR FINISHED FLOORS (FROM 2 TO 17 CM)						
	FN - 20/12	20	5 (+3 / -2)	97	97	<p>Installation instructions: The side plates of the profile are dowelled and screwed to the floor after completion.</p> <p>Load capacity: Suitable for pedestrians. On request suitable for light vehicles.</p>
	FNG - 20/12	20	2 (± 1)	97	97	
	FKN - 20/12	20	2 (± 1)	97	97	
	FTN - 20/12	20	5 (+3 / -2)	17	17	
	FN 35/15	35	10 (± 5)	112	112	
	FN 35/15	35	10 (± 5)	30	112	
	FN 35/15	35	10 (± 5)	30	112	
	FN 41/15	41	14 (± 7)	118	118	
	FN 50/20	50	16 (± 8)	170	170	
	FKN 50/20	50	16 (± 8)	43	170	
	FN 58/20	60	20 (± 11)	178	178	
	FN 65/20	65	25 (+16/-9)	185	185	
	FN 100/20	90	30 (+18/-12)	210	210	
	FSN 50	55	10 (± 5)	173		
	FSN 99	100	40 (± 20)	218		
	FSN 46	50	20 (± 10)	286		
	FSN 75	84	20 (± 10)	320		
	FSN 110	118	30 (± 15)	354		
	FSN 130	142	40 (± 20)	378		
	FSN 155	162	40 (± 20)	400		
FSN 160	170	60 (± 30)	406			

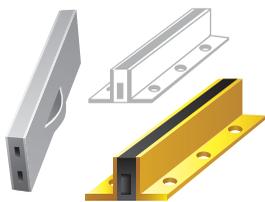
	Reference	Joint width max. (mm)	Total movement (mm)	Visible width (mm)	Total width (mm)	Characteristic
SPECIAL EXPANSION JOINTS WATERTIGHT FOR PARKINGS AREAS						
	FP 90 Ni	60	40 (± 20)	95	222	<p>Aluminium side plates with aluminium mounting brackets, flexible sealing insert and 300 mm wide sealing sheets on both sides (AAS-sheet) made of quality MIGUFLEX, long wearing, weather resistant, temperature resistant (-30 °C to +120 °C). Resistant to salt, waste water and bitumen.</p>
	FP 110 Ni	75	60 (± 30)	111	238	
	FP 115 Ni	80	80 (+50/-30)	115	242	
	FPG 90 Ni	60	20 (± 10)	95	222	
	FP 90 S	50	40 (± 20)	95	214	
	FP 110 S	65	60 (± 30)	111	230	
FP 115 S	70	80 (+50/-30)	115	234		

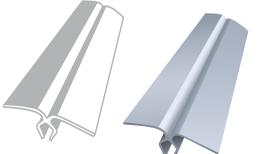
	Reference	Joint width max. (mm)	Total movement (mm)	Characteristic
EXPANSION JOINTS FOR FACADES, WALLS AND CEILINGS FOR FINISHED FACE AND UNDER-PLASTER SOLUTION				
 	FA 12/500	75	40 (± 20)	Profile absorbs large movement (fold insert) Profile absorbs settlements (insert is sliding within the metal profiles) On request, the flexible insert is also available in one piece up to approx. 50 m max
	FA 12/700	100	50 (± 25)	
	FA 12/900	150	100 (± 50)	
	FA 12/1300	200	120 (± 60)	
	FA 12/1400	250	180 (± 90)	
	FA 12/1800	350	200 (± 100)	
	FA 25/300	30	10 (± 5)	
	FA 25/500	75	40 (± 20)	
	FA 25/700	100	50 (± 25)	
	FA 25/900	150	100 (± 50)	
	FA 25/1300	200	120 (± 60)	
	FA 25/1400	250	180 (± 90)	
	FA 25/1800	350	200 (± 100)	
	D 25/300	30	10 (± 5)	
	D 25/500	75	40 (± 20)	
	D 25/700	100	50 (± 25)	
	D 25/900	150	100 (± 50)	
	D 25/1300	200	120 (± 60)	
	D 25/1400	250	180 (± 90)	
	D 25/1800	350	200 (± 100)	
	DS 20/300	30	10 (± 5)	
	DS 20/500	75	40 (± 20)	
	DS 20/700	100	50 (± 25)	
	DS 20/900	150	100 (± 50)	
	DS 20/1300	200	120 (± 60)	
	DS 20/1400	250	180 (± 90)	
	DS 20/1800	350	200 (± 100)	

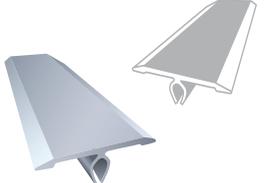
	Reference	Joint width max. (mm)	Total movement (mm)	Visible width (mm)	Total width (mm)	Characteristic
WIDE EXPANSION JOINTS FOR FLOORS IN SEISMIC AREAS (FROM 1 TO 50 CM)						
 	FSC 100	100	32 (±16)	250	250	Aluminium side plates with aluminium mounting brackets. Flexible insert made of high quality synthetic rubber, long wearing, weather resistant, temperature resistant (-30°C to +120°C), extensively resistant to oils, acids and bitumen.
	FSC 150	100	32 (±16)	300	300	
	FSC 200	200	32 (±16)	350	350	
	FSC 250	250	32 (±16)	400	400	
	FSC 300	100	32 (±16)	450	450	
	FP 245	150	44 (±22)	126	466	
	FP 255	160	44 (±22)	126	476	
	FP 239	200	44 (±22)	126	517	
	FP 345	250	44 (±22)	126	566	
	FP 295	300	44 (±22)	126	616	
	FP 445	350	44 (±22)	126	666	
	FP 295	400	44 (±22)	126	716	
	FP 259	500	44 (±22)	126	816	

	Reference	Joint width max. (mm)	Total movement (mm)	Visible width (mm)	Total width (mm)	Characteristic
SPECIAL EXPANSION JOINTS FOR FORK LIFT TRUCKS						
 	FS 40	35	16 (± 8)	40	163 - 173	Aluminium side plates with perforated aluminium mounting brackets. Flexible insert made of cellular rubber.
	FS 40	35	20 (± 10)	46	37	
	FS 50	30	10 (± 5)	53	140	
	FS 75	50	20 (± 10)	77	193 - 197	
	FS 110	75	30 (± 15)	110	226	
	FS 130	100	40 (± 20)	134	254	
	FS 135	35	20 (± 10)	135	205	
	FS 185	140	60 (± 30)	185	325	
	FS 200	60	40 (± 20)	203	284	
	FS 100	50	20 (± 10)	102	236	
	ESF 10 AL	10	4 (± 2)	10	77	
	ESF 16 AL	10	4 (± 2)	16	130	
	ESF 27 AL	15	10 (± 5)	27	135	

Expansion Joints & Aluminum Profiles

	Reference	Thickness (mm)	Width (mm)	Depth (mm)	Length (m)	Characteristic
NEOPRENE EXPANSION TILE LOC STRIPS						
	Aluminum, With Tail	1.0/1.5	6, 9, 12	30/40/50/60	3.0	Neoprene Expansion Tile Loc Strips are cost effective pavement movement control systems that are fast, efficient, and easy to install. Neoprene-X-Pansion Through Bed Loc Strips, with closed cell polyethylene tail, are the best method for ensuring that a joint under the Loc Strip is free from debris.
	Brass, With Tail	1.0/1.5	6, 9, 12	30/40/50/60	3.0	
	Aluminum, Flat Strip	1.0/1.5	6, 9, 12	30/40/50/60	3.0	
	Brass, Flat Strip	1.0/1.5	6, 9, 12	30/40/50/60	3.0	

	Reference	Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m)	Characteristic
ALUMINUM COVER JOINT						
	CKAE-001	1.2	55	3.0	0.415	Applicable for all types of finishing of floor joints, wall joints and ceiling joints.

ALUMINUM COVER JOINT						
	CKAE-002	3.0	55	3.0	0.670	Applicable for all types of finishing of floor joints, wall joints and ceiling joints.
	CKAE-003	3.0	70	3.0	0.770	

ALUMINUM COVER JOINT						
	CKAE-004	1.2	70	3.0	0.486	Applicable for all types of finishing of floor joints, wall joints and ceiling joints.
	CKAE-056	1.2	100	3.0	0.662	

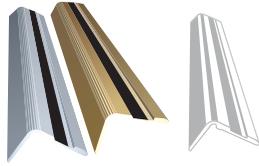
ALUMINUM COVER JOINT						
	CKAE-005	1.3	53	3.0	0.492	It is suitable for all wall & other corner joints.

ALUMINUM COVER JOINT						
	CKAE-006	1.3	35	3.0	0.364	It is suitable for all wall & other corner joints.

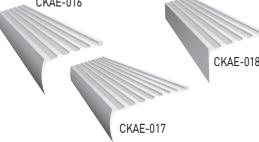
ALUMINUM COVER JOINT						
	CKAE-007	1.3	50	3.0	0.356	It is suitable for all wall & other corner joints.

	Reference	Thickness (mm)	Width (mm)	Height (mm)	Length (m)	Weight (kg/m)	Characteristic
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ALUMINUM STAIR NOSING

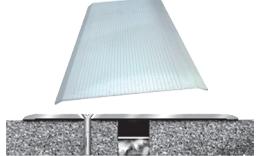
	CKAE-015-Silver	3.9	50	30	3.0	0.460	Aluminum nosings drastically improve the safety of existing stairs by retrofitting over slippery unsafe stair treads. Aluminum nosings are ideal for applications which require a lightweight but durable material.
	CKAE-015-Gold	3.9	50	30	3.0	0.460	
	CKAE-015-Brown	3.9	50	30	3.0	0.460	

ALUMINUM STAIR NOSING

	CKAE-016	3.2	67	37	3.0	0.608	Aluminum nosings drastically improve the safety of existing stairs by retrofitting over slippery unsafe stair treads. Aluminum nosings are ideal for applications which require a lightweight but durable material.
	CKAE-017	3.2	156	37	3.0	1.366	
	CKAE-018	3.2	74	37	3.0	0.766	

	Reference	Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m)	Characteristic
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ALUMINUM COVER JOINT

	CKAE-025	1.2	50	3.0	0.166	Aluminum cover system, for interior or exterior applications, that is designed to smoothly blend into any surface, providing an aesthetic appearance.
	CKAE-026	1.2	68	3.0	0.239	
	CKAE-027	1.2	93	3.0	0.331	
	CKAE-026	1.2	117	3.0	0.511	

ALUMINUM COVER JOINT

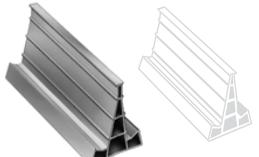
	CKAE-035	6.3	57	3.0	0.922	Aluminum cover system, for interior or exterior applications, that is designed to smoothly blend into any surface, providing an aesthetic appearance.
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ALUMINUM COVER JOINT

	CKAE-068	2.3	48	3.0	0.438	
	CKAE-069	1.8	134	3.0	0.986	

	Reference	Height (mm)	Length (cm)	Packing Qty. (m)	Characteristic
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FUGENFIX CRACK INDUCER

	Crack Inducer B 40	40	250	50	Plastic profile for easy creation of working joints (frangible joints) in floor slabs. Saves timeconsuming cutting and filling of joints. Perfect anchoring in the concrete. Exact dimensional accuracy, thus perfectly suitable as guide for screed bars.
	Crack Inducer B 70	70	250	15	
	Crack Inducer B 125 1	25	250	12.5	

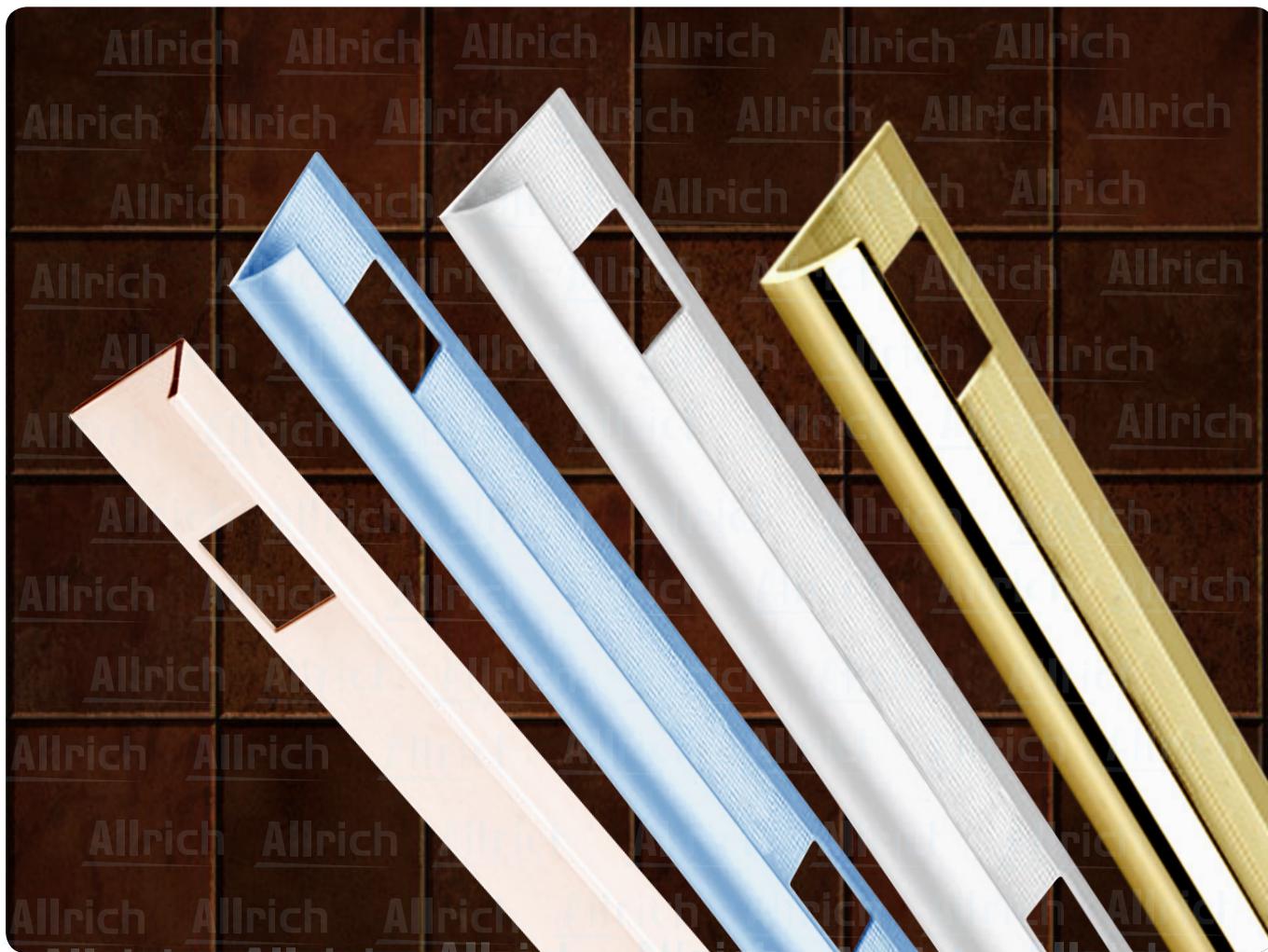
	Reference	Height (mm)	Width (cm)	Packing Qty. (m)	Characteristic
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NEOPRENE

	Neoprene 30	30	25		It is used for pre cast elements. Polyurethane sealant adhesion
	Neoprene 30	50	15		

Finish / Protection Accessories

Allrich

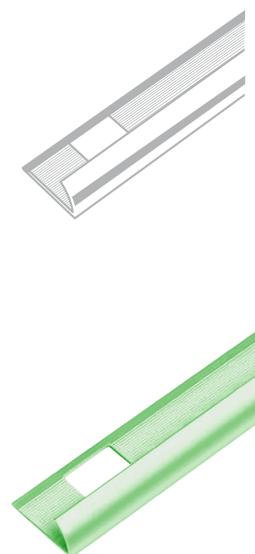


Reference	Height of profile (mm)	Length (m)	Color	Packing Qty. per carton	Characteristic
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PVC TILE TRIM (8 MM)

	TIKO-011	8	2.5	Cool Grey	100	PVC Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-012	8	2.5	Marine Blue	100	
	TIKO-013	8	2.5	Sapphire Blue	100	
	TIKO-014	8	2.5	Misty Grey	100	
	TIKO-015	8	2.5	Almond Beige	100	
	TIKO-016	8	2.5	Clay Brown	100	
	TIKO-017	8	2.5	Baby Blue	100	
	TIKO-018	8	2.5	Salmon Pink	100	
	TIKO-019	8	2.5	Ivory	100	
	TIKO-020	8	2.5	Pure White	100	
	TIKO-021	8	2.5	Apricot	100	
	TIKO-022	8	2.5	Canary Yellow	100	
	TIKO-023	8	2.5	Caribbean Beige	100	
	TIKO-024	8	2.5	Clear Rose	100	
	TIKO-025	8	2.5	Cool Grey	100	
	TIKO-026	8	2.5	Light Brown	100	
	TIKO-027	8	2.5	Misty Grey	100	
	TIKO-028	8	2.5	Nile Green	100	
	TIKO-029	8	2.5	Almond	100	
	TIKO-030	8	2.5	Marine	100	
	TIKO-031	8	2.5	Sapphire	100	
	TIKO-032	8	2.5	Sky Blue	100	
	TIKO-033	8	2.5	Leaf Green	100	
	TIKO-034	8	2.5	Wine red	100	
	TIKO-035	8	2.5	Whisper Blue	100	
	TIKO-036	8	2.5	Peach Pink	100	
	TIKO-037	8	2.5	Orchid Pink	100	
	TIKO-038	8	2.5	Antique Ivory	100	

PVC TILE TRIM (10 MM)

	TIKO-039	10	2.5	Almond Beige	100	PVC Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-040	10	2.5	Clay Brown	100	
	TIKO-041	10	2.5	Mid Blue	100	
	TIKO-042	10	2.5	Antique Ivory	100	
	TIKO-043	10	2.5	Ivory	100	
	TIKO-044	10	2.5	Pure White	100	
	TIKO-045	10	2.5	Orchid Pink	100	
	TIKO-046	10	2.5	Apricot	100	
	TIKO-047	10	2.5	Canary Yellow	100	
	TIKO-048	10	2.5	Caribbean Beige	100	
	TIKO-049	10	2.5	Clear Rose	100	
	TIKO-050	10	2.5	Wine Red	100	
	TIKO-051	10	2.5	Cool Grey	100	
	TIKO-052	10	2.5	Leaf Green	100	
	TIKO-053	10	2.5	Misty Grey	100	
	TIKO-054	10	2.5	Nile Green	100	
	TIKO-055	10	2.5	Almond Pink	100	
	TIKO-056	10	2.5	Jet Black	100	
	TIKO-057	10	2.5	Light Brown	100	
	TIKO-058	10	2.5	Mid Blue	100	
	TIKO-059	10	2.5	Whisper Blue	100	
	TIKO-060	10	2.5	Marine Blue	100	
	TIKO-061	10	2.5	Peach Pink	100	
	TIKO-062	10	2.5	Salmon Pink	100	

	Reference	Height of profile (mm)	Length (m)	Color	Packing Qty. per carton	Characteristic
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PVC TILE TRIM (12 MM)

	TIKO-063	12	2.5	Almond Beige	100	PVC Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-064	12	2.5	Antique Ivory	100	
	TIKO-065	12	2.5	Caribbean Beige	100	
	TIKO-066	12	2.5	Cool Grey	100	
	TIKO-067	12	2.5	Ivory	100	
	TIKO-068	12	2.5	Pure White	100	
	TIKO-069	12	2.5	Bronze Brown	100	

PVC TILE TRIM (6 MM)

	TIKO-001	6	2.5	Pure White	100	PVC Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-002	6	2.5	Antique Ivory	100	
	TIKO-003	6	2.5	Leaf Green	100	
	TIKO-004	6	2.5	Almond Beige	100	
	TIKO-005	6	2.5	Ivory	100	
	TIKO-006	6	2.5	Pink	100	
	TIKO-007	6	2.5	Cool Grey	100	
	TIKO-008	6	2.5	Marine Blue	100	
	TIKO-009	6	2.5	Sapphire Blue	100	
	TIKO-010	6	2.5	Misty Grey	100	

ALUMINUM TILE TRIM (BRIGHT SILVER)

	TIKO-070	6	2.5	Bright Silver Chrome	100	Aluminum Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-071	8	2.5	Bright Silver Chrome	100	
	TIKO-072	10	2.5	Bright Silver Chrome	100	
	TIKO-073	12	2.5	Bright Silver Chrome	100	

ALUMINUM TILE TRIM (BRIGHT GOLD)

	TIKO-074	6	2.5	Bright Gold	100	Aluminum Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-075	8	2.5	Bright Gold	100	
	TIKO-076	10	2.5	Bright Gold	100	
	TIKO-077	12	2.5	Bright Gold	100	

ALUMINUM TILE TRIM (MAT SILVER)

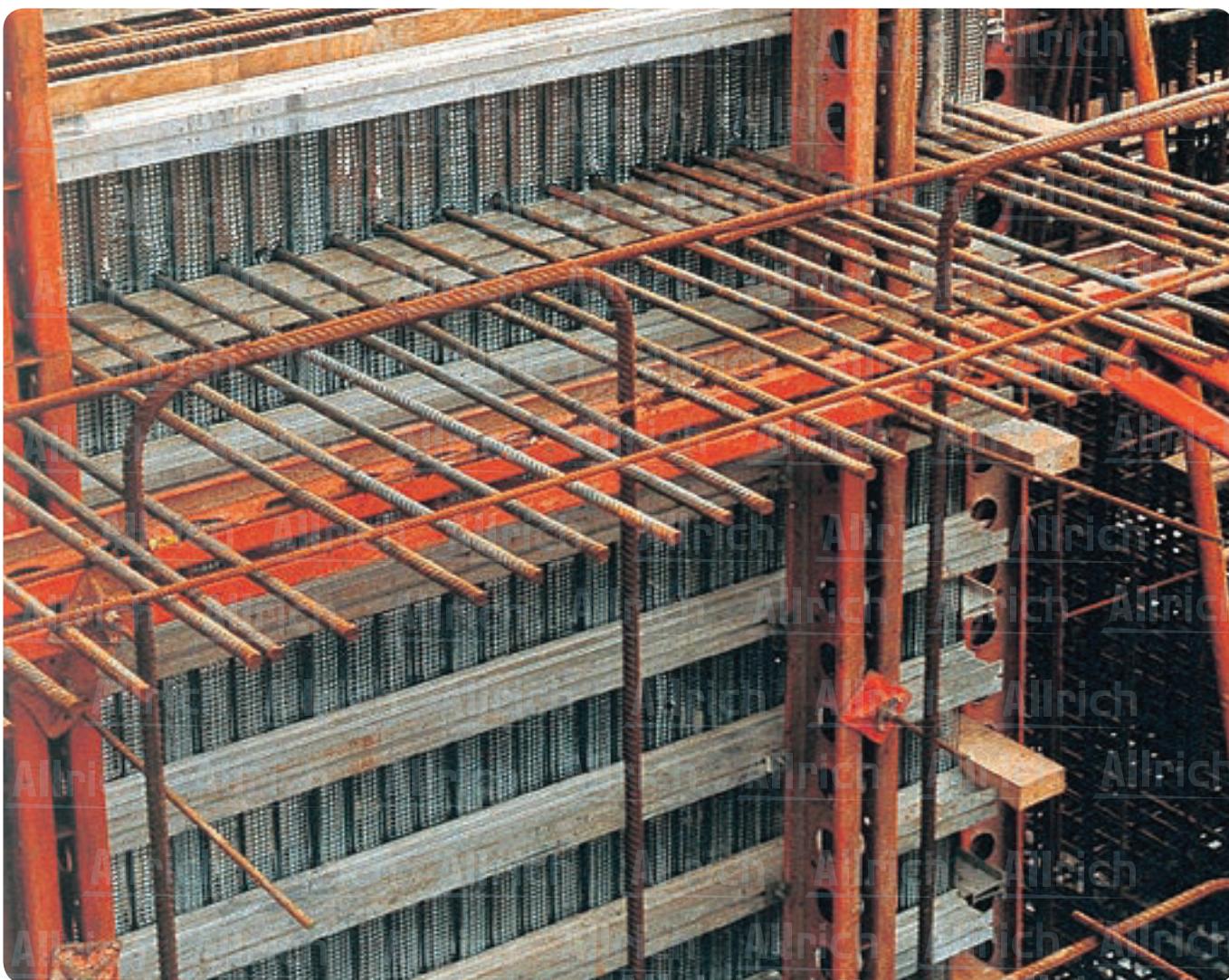
	TIKO-078	6	2.5	Mat Silver	100	Aluminum Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-079	8	2.5	Mat Silver	100	
	TIKO-080	10	2.5	Mat Silver	100	
	TIKO-081	12	2.5	Mat Silver	100	

ALUMINUM TILE TRIM (MAT SILVER)

	TIKO-078	6	2.5	Mat Silver	100	Aluminum Tile trim to protect corners of your tiling project. It is easy to place it and having wide range of colors.
	TIKO-079	8	2.5	Mat Silver	100	
	TIKO-080	10	2.5	Mat Silver	100	
	TIKO-081	12	2.5	Mat Silver	100	

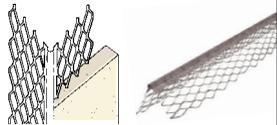
Expanded Metals

Allrich



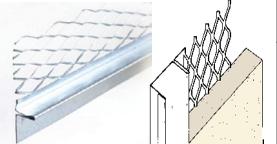
	Reference	Thickness (mm)	Wings width (mm)	Length (m)	Weight (kg/pc)	Packing Quantity	Characteristic
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ANGLE BEAD (SS & GI)

	GIAB-001	0.30	50x50	2.70	0.3	50	Angle Bead provides a straight arris that will not easily crack and reinforces the plaster where it is most required. The expanded wings of our Angle Bead provide an excellent mechanical key for most types of plaster.
	GIAB-002	0.30	65x65	2.70	0.4	50	

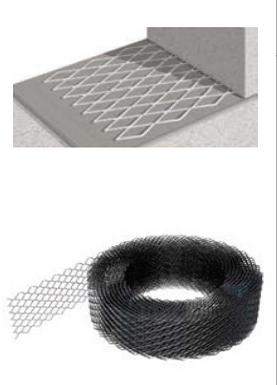
	Reference	Thickness	Plaster Depth(mm)	Groove width (mm)	Width (mm)	Length (m)	Weight (kg/pc)	Packing Quantity	Characteristic
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ARCHITRAVE BEAD WITH RETURN (SS & GI)

	ARB-001	0.50	13	15	60	2.7	0.750	50	Architrave Bead has been manufactured to create a shadow effect around door frames. These beads are manufactured in two types (1) With return flange. (2) Without return flange. Both types can give a decorative effect around door standards.
	ARB-002	0.50	13	22	60	2.7	0.90	50	

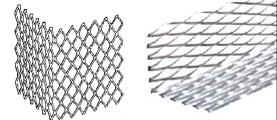
	Reference	Thickness (mm)	Width (mm)	Length (m)	Weight (kg)	Characteristic
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BRICK MESH WITH RETURN (SS & GI)

	GIBM-001 - 4"x12 m	0.36	100	12	0.69	This material acts as a reinforcement for brick and block work, and is suitable for partition slabs and as asphalt guttering. It is easily incorporated in the normal thickness of a cement and sand bed.
	GIBM-003 - 4"x20 m	0.36	100	20	1.16	
	GIBM-004 - 4"x50 m	0.36	100	50	2.90	
	GIBM-005 - 4"x100 m	0.36	100	100	5.8	
	GIBM-006 - 4"x12 m	0.36	150	12	1.0	
	GIBM-007 - 4"x20 m	0.36	150	20	1.7	
	GIBM-009 - 4"x50 m	0.36	150	50	4.3	
	GIBM-010 - 4"x100 m	0.36	150	100	8.7	
	GIBM-011 - 4"x12 m	0.36	175	12	1.2	
	GIBM-012 - 4"x20 m	0.36	175	20	2.0	
	GIBM-013 - 4"x50 m	0.36	175	50	5.0	
	GIBM-014 - 4"x100 m	0.36	175	100	10.0	
	GIBM-015 - 4"x12 m	0.36	200	12	1.39	
	GIBM-016 - 4"x20 m	0.36	200	20	2.3	
	GIBM-017 - 4"x50 m	0.36	200	50	5.8	
	GIBM-018 - 4"x100 m	0.36	200	100	11.6	

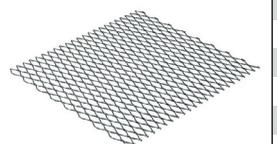
	Reference	Thickness (mm)	Width (mm)	Length (m)	Packing qty.	Characteristic
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CORNER MESH (SS & GI)

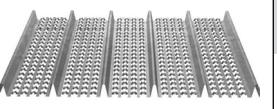
	GICM-001	0.36	25x25	2.5	50	Corner Mesh has been manufactured for use on internal and external corners in order to help prevent plaster cracks.
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	Reference	Thickness (mm)	Width (mm)	Length (m)	Weight (kg/pc)	Characteristic
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EXPANDED METAL SHEET (SS & GI)

	GIML-001	0.30	0.61	2.44	0.95	This reinforcement is used along stress lines where cracking is likely to occur i.e. over service chases.
	GIML-002	0.30	1.22	2.44	1.40	
	GIML-003	0.30	0.61	2.44	1.2	
	GIML-004	0.40	0.61	2.44	1.9	
	GIML-005	0.30	0.61	2.44	0.95	
	GIML-006	0.30	0.61	2.44	1.40	

HI-RIB LATH (SS & GI)

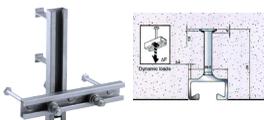
	HIRB-001	0.35	455	2.2	3.1	H-Rib Lath is a deep ribbed mesh with tangs for use as a carrier for plaster, render and fire protection materials. H-Rib Lath can be used economically for backgrounds where long spans between supports or additional strength for sprayed finishes are required.
	HIRB-002	0.45	455	2.2	4.1	

Anchoring Channel Technology

Allrich

Reference	Length (mm)	No. of Anchors	N*R,d (kN)	V*R,d (kN)	Characteristic
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CHANNEL

	KAT 40/21	300	2	2 x 8.4	2 x 8.4	KAT 40/21 - HDG -300
	KAT 50/26	300	3	2 x 14.0	2 x 9.8	
	KAT 52/33	350	3	2 x 30.8	2 x 15.4	
	KAT 72/46	1050	3	2 x 37.8	2 x 18.9	

CHANNEL 72/46

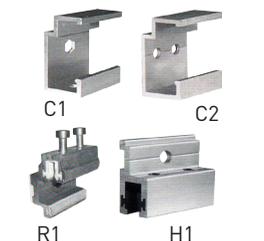
	KAT 72/46	1050	3	2 x 37.8	2 x 18.9	KAT 40/21 - HDG -1050
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Reference	Specification (mm)	Unit	Packing Pcs/Ctn.	Meas. (cm)	Characteristic
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CONCRETE EMBEDDED FIXING SYSTEM

	AF-EC	300	Set	15	38 x 33 x 19.5	Including C shape hot rolling embedded part in curtain wall project
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ALUMINUM ALLOY HANG PIECE

	AF-C1C2	C1-50	Pc	300(Set.Ctn)	38 x 29 x 23	Anodized Aluminum 6061 Join part which connect the undercut anchor and substrate.
	AF-C1C2	C2-50	Pc	300(Set.Ctn)	34 x 29 x 23	
	AF-C1C2	C2-80	Pc	300(Set.Ctn)	34 x 29 x 35	
	AF-R	R1-50	Pc	300(Set/Ctn)	40 x 23 x 23	
	AF-H1	H1-50	Pc	300(Set/Ctn)	32 x 21 x 21	

ANGLE BRACKET

	AF-LP	LP-50 x 50	Pc	300(Set.Ctn)	38 x 29 x 23	The Galvanized Steel Angle Bracket is the one which connects the hang piece and keel and matches the hanging system which consist of different hang pieces. The Aluminum Alloy Soft Angle provides an attachment for the installation of soft pannels to the another
	AF-LP	LP-50 x 80	Pc	300(Set.Ctn)	34 x 29 x 23	
	AF-ZJ	ZJ-80 x 80	Pc	300(Set.Ctn)	34 x 29 x 35	
	AF-ZJ	ZJ-80 x 90	Pc	300(Set/Ctn)	40 x 23 x 23	
	AF-ZJ	ZJ-80 x 100	Pc	300(Set/Ctn)	32 x 21 x 21	

Reference	Specification (mm)	Unit	Packing Pcs/Ctn.	Meas. (cm)	Characteristic
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ANGLE BRACKET

	AF-GRM-1	L71xW60xH52xT5	Pc	100	30 x 21 x 14	The Galvanized Steel Angle Bracket is the one which connects the hang piece and keel and matches the hanging system which consist of different hang pieces. The Aluminum Alloy Soft Angle provides an attachment for the installation of soft pannels to the another
	AF-GRM-2	L60xW45xT3	Pc	400	25 x 14 x 14	
	AF-GRM-3	Dia.4xL50	Pc	4000	29 x 14 x 14	
	AF-GRM-4	L78xW60xH29xT4	Pc	160	29 x 18 x 14	
	AF-GRM-5	L58xW60xH8xT3	Pc	300	27 x 14 x 14	
	AF-GRM-T	L80xW60xH50xT5	Pc	200	29 x 14 x 14	
	AF-GRM-D	L80xW60xH50xT5	Pc	200	29 x 14 x 14	

Anchoring Channel Technology

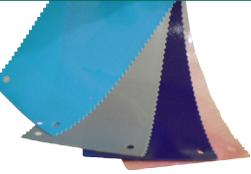
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	Reference	Thickness (mm)	Width (inch)	Length (inch)	Packing Quantity	Characteristic
EVA FOAM						
	YA-02 CS					SBR (Styrene-Butadiene Rubber) 30% CR (Chloroprene Rubber) 4% Carbon Black 7% Magnesium Silicate 31% Process Oil 12% Process Aid 5% Blowing Agent 7% Sulfur + Accelerator 4%
	YA-12 Coarse Bubble					
	YA-04 NBR					

	Reference	Thickness (mm)	Width (inch)	Length (inch)	Packing Quantity	Characteristic
FIREPROOF & SOUNDPROOF FOAM						
	PEAF-AL					PEAF is a kind of closed-cell plastic foam which is using the environmental PE material and a non-halogen, non-toxic and fire-resistant polymer as the main ingredient.
	PEAF					
	PEAF-SL					
	PE- Joint Filler					

	Reference	Thickness (mm)	Width (inch)	Length (inch)	Packing Quantity	Characteristic
LATEX FOAM						
	Latex Foam 36	2-10	36	Continuous		Latex foam sheet comes in different thickness and hardness. Due to its technical characteristics, this material can be laminated onto a variety of materials to create advanced cushioning property.
	Latex Foam 46	2-10	46	Continuous		
	Latex Foam 52	2-10	52	Continuous		

	Reference	Thickness (mm)	Width (inch)	Length (inch)	Packing Quantity	Characteristic
LATEX FOAM						
	TPU FILM					The full name of TPU is Thermoplastic Polyurethane, it's a non-toxic and environmentally friendly material. TPU products is decomposable and decayable when it is buried underground for 6 to 8 years, it's also recyclable to reproduced into other TPU products such as air hose etc.

	Reference	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m ³)	Packing per Bundle	Characteristic
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CORK SHEET

	CORB-001	25	500	1000	120	12	Natural Cork (from cork Oak Tree) Color : Black
	CORB-002	50	500	1000	120	6	

CORK RESIN

	CORR-001	3	610	915	180 to 120	100	Natural Cork (from cork Oak Tree) Color : Black
	CORR-002	4	610	915	180 to 120	75	
	CORR-003	12	610	915	180 to 120	25	
	CORR-004	19	610	915	180 to 120	16	
	CORR-005	25	610	915	180 to 120	12	

	Reference	Thickness (mm)	Width (m)	Length (m)	Density (kg)	Packing per Bundle	Characteristic
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FIBER INSULATION BOARD

	FLBO-001	10	1.2	2.4	500/m ³	110	Flexcel Expansion Joint Filler is manufactured from water resistant, bitumen impregnated, can fibre. Flexcel Expansion Joint Filler displays excellent resistance to compression, with outstanding recovery characteristics. The fillers are environment friendly
	FLBO-002	12	1.2	2.4	500/m ³	95	
	FLBO-003	16	1.2	2.4	500/m ³	75	
	FLBO-004	19	1.2	2.4	500/m ³	63	
	FLBO-005	25	1.2	2.4	500/m ³	48	

	Reference	Thickness (mm)	Width (m)	Length (m)	Density (kg)	Packing per Pkt	Characteristic
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GLASS WOOL

	GLSW-001	50	1.2	10	12	100	Broadly used in the partition walls, external walls, roofs, of Metal Buildings, Compartment, Ventiduct, Vent-Pipe, Industrial Building and various tanks as soundproof, fireproof, materials and heat insulation
	GLSW-002	50	1.2	20	12	100	
	GLSW-003	50	1.2	20	14	150	
	GLSW-004	50	1.2	20	16	120	
	GLSW-005	25	1.2	20	24	80	

ROCKWOOL

	SHEET	50	0.6	1.2	60	Broadly used in the partition walls, external walls, roofs, of Metal Buildings, Compartment, Ventiduct, Vent-Pipe, Industrial Building and various tanks as soundproof, fireproof, materials and heat insulation
	SHEET	75	0.6	1.2	80	
	SHEET	100	0.6	1.2	100	
	BLANKET	50	1.2	4	60	
	BLANKET	75	1.2	4	80	
	BLANKET	100	1.2	4	100	

Cork Sheet / Fiber Insulation Board

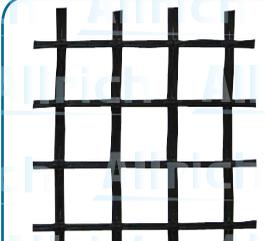
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Plastering Thin Reinforcement

	Reference	Thickness gauge	Thickness in micron	Width (m)	Length (m)	Characteristic
POLYETHYLENE ROLL						
	POLY-001	100	25	3.66	12	Polyethylene sheets are successfully used in a wide variety of construction projects. for example: Road works, Multi-storey building, basements airfields, port. farm etc...
	POLY-002	200	50	3.66	12	
	POLY-003	300	75	3.66	12	
	POLY-004	400	100	3.66	12	
	POLY-005	500	125	3.66	12	
	POLY-006	600	150	3.66	12	

	Reference	Weight Tolerance (%)	Thickness (mm)	Tensile strength (kn)	Tearing strength (kn)	Characteristic
GEOTEXTILE						
	Geotextile - 100	-8	0.9	2.5	0.08	Geotextiles are permeable fabrics which, when used in association with soil, have the ability to separate, filter, reinforce, protect, or drain. Typically made from polypropylene or polyester, geotextile fabrics come in three basic forms: woven (looks like mailbag sacking), needle punched (looks like felt), or heat bonded (looks like ironed felt). Geotextile composites have been introduced, and products such as geogrids and meshes have been developed.
	Geotextile - 150	-8	1.3	4.5	0.12	
	Geotextile - 200	-8	1.7	6.5	0.16	
	Geotextile - 250	-8	2.1	8.0	0.20	
	Geotextile - 300	-7	2.4	9.5	0.24	
	Geotextile - 350	-7	2.7	11.0	0.28	
	Geotextile - 400	-7	3.0	12.5	0.33	
	Geotextile - 450	-7	3.3	14.0	0.38	
	Geotextile - 500	-6	3.6	14.0	0.38	
	Geotextile - 600	-6	4.1	19.0	0.46	
Geotextile - 800	-6	5.0	25.0	0.60		

	Reference	Width (m)	Tensile strength (CD/ID) kN/m	Elongation (%)	Mesh (mm)	Characteristic
GEOGRID						
	TGSB-25-25	1-6	25	10	25.4 x 25.4	Double-direction geogrid is made of high-molecular polymer manufactured by extrusion, forming and punching before longitudinal and lateral stretching. This material has considerable tensile strength in longitudinal and lateral directions.
	TGSB-30-30	1-6	30	10	25.4 X 25.4	
	TGSB-40-40	1-6	40	10	12.7 x 12.7	
	TGSB-50-50	1-6	50	10	12.7 x 12.7	
	TGSB-80-80	1-6	80	10	12.7 x 12.7	
	TGSB-50-50Z	1-6	50	10	12.7 x 12.7	

	Reference	Tensile strength (Npa)	Elongation at Break (%)	Tearing strength (N/mm)	Characteristic
GEOMEMBRANE					
	GL - 1	≥ 14	≥ 400	≥ 50	Geomembranes are single-ply roof membranes constructed from ethylene propylene rubber. They are designed to combine the durability of EPDM rubber with the proven performance of hot-air weldable seams.
	GL - 2	≥ 14	≥ 400	≥ 50	
	GH - 1	≥ 17	≥ 450	≥ 80	
	GH - 1	≥ 25	≥ 550	≥ 110	

	Reference	Gauge (microne)	Characteristic
LDPE CONSTRUCTION FILM			
	LDPE Film	50, 100, 150, 200, 250, 300	For construction cover and building base film. Cover vehicles & furnishings to protect. Aquaculture, reservoir, waterproof, mildewproof. No flowing at highest temperature and no crack at low. Protect the building materials from damp and sunshine temporarily

	Reference	Color	Grammage (g)	Width (inch)	Length (m)	Square size (mm)	Packing (pcs/ctn.)	Characteristic
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FIBERGLASS MESH

	N/A	Blue	130	4	25	5x5	24	Woven with fiberglass yarn and coated by acrylic acid or PVC
	N/A	Blue	130	4	50	5x5	12	
	N/A	Blue	130	4	100	5x5	12	
	FBGM-016	Blue	130	6	25	5x5	24	
	FBGM-017	Blue	130	6	50	5x5	12	
	FBGM-018	Blue	130	6	100	5x5	12	
	FBGM-019	Blue	130	8	25	5x5	24	
	FBGM-020	Blue	130	8	50	5x5	12	
	FBGM-021	Blue	130	8	100	5x5	12	
	FBGM-005	Blue	130	4	25	10x10	24	
	FBGM-006	Blue	130	4	50	10x10	12	
	FBGM-007	Blue	130	4	100	10x10	12	
	FBGM-008	Blue	130	6	25	10x10	24	
	FBGM-009	Blue	130	6	50	10x10	12	
	FBGM-010	Blue	130	6	100	10x10	12	
	FBGM-011	Blue	130	8	25	10x10	24	
	FBGM-012	Blue	130	8	50	10x10	12	
	N/A	Blue	130	8	100	10x10	12	
	FBGM-013	Blue	130	1m	18	10x10	4	
	FBGM-014	Blue	130	1m	50	10x10	2	
	FBGM-015	Blue	130	1m	100	10x10	2	
	N/A	Blue	145	1m	18	10x10	4	
	N/A	Blue	145	1m	18	10x10	12	
	N/A	Blue	145	1m	18	10x10	2	
	N/A	Blue	150	4	25	10x10	24	
	N/A	Blue	150	4	50	10x10	12	
	N/A	Blue	150	4	100	10x10	12	
	N/A	Blue	150	6	25	10x10	24	
	N/A	Blue	150	6	50	10x10	12	
	N/A	Blue	150	6	100	10x10	12	
	N/A	Blue	150	8	25	10x10	24	
	N/A	Blue	150	8	50	10x10	12	
	N/A	Blue	150	8	100	10x10	12	

FIBERGLASS MESH

	FBGM-001	White	65	1 m	50	2x2	4	Woven with fiberglass yarn and coated by acrylic acid or PVC
	FBGM-002	White	65	1 m	100	2x2	2	
	FBGM-003	White	65	1 m	50	10x10	4	
	FBGM-004	White	65	1 m	100	2x2	2	
	N/A	White	130	1 m	18	4x4	4	
	FBGM-022	White	130	1 m	50	4x4	2	
	N/A	White	130	1 m	100	4x4	2	
	FBGM-030	White	160	1 m	90	4x4	2	
	FBGM-031	White	160	1 m	45	4x4	2	
	FBGM-032	White	160	1 m	18	4x4	4	
	N/A	White	160	1 m	18	10x10	4	
	FBGM-033	White	160	1 m	50	10x10	2	
	FBGM-034	White	160	1 m	100	10x10	2	

FIBERGLASS MESH

	FBGM-023	Orange	145	1 m	18	10x10	4	Woven with fiberglass yarn and coated by acrylic
	FBGM-024	Orange	145	1 m	45	10x10	2	
	FBGM-025	Orange	145	1 m	90	10x10	2	

	Reference	Weave	Width (inch)	Length (feet)	Weight (gm)	Packing (rolls/pak.)	Characteristic
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PERMALATH

	Pm lath-01	Leno	39	150	294	8	Woven with fiberglass yarn and coated by acrylic
	Pm lath-02	Leno	39	150	147	20	

Plastering Thin Reinforcement

Allrich

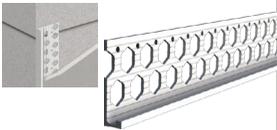


Expanded Metals

Allrich

	Reference	Thickness (mm)	Plaster Depth (mm)	Wings wide (mm)	Length (m)	Packing (per. ctn)	Characteristic
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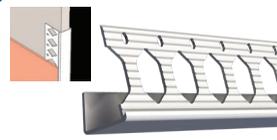
STOP BEAD

	NR 2303	1.0	6	40	2.5	50	Used in areas where the plaster terminates at windows, doors or any other termination point using a thin-coat of plaster. Forms an attractive rust-free finish and helps to cut down the cold bridge.
	NR 2304	1.0	8	40	2.5	50	
	NR 1536	1.0	10	40	2.5	50	

BELLCAST BEAD

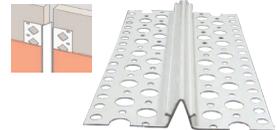
	Bellcast Bead	1.0	20	50	2.5	50	Used for finishing renders at DPC level or above window heads to throw off rainwater. Designed to allow moisture to migrate down and drain away the wall.
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EDGE BEAD

	Edge Bead	0.5	2-3	25	2.5	13	50	Use with 12.5 mm wallboard to provide a neat, reinforced clean edge and effective stop bead. Can be used for capping vertical and horizontal edges of raw plaster board and will not rust. Protects against moisture seeping in to board and prevents electrolysis.
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	Reference	Thickness (mm)	Plaster depth (mm)	width (mm)	Length (m)	Depth (mm)	Gap (mm)	Characteristic
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CONTROL JOINT BEAD

	CJ Bead	0.5	2-3	46	2.5	9.3	9	To relieve stress caused by expansion and contraction within the system, this deep grooved 'V' is the most economical answer. Control Joint should be placed at 13.4 m ² (144 2ft) intervals. Can be used with 9.5, 12.5 or 15 mm plaster boards and has excellent paint adhesion
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	Reference	Thickness (mm)	Plaster depth (mm)	Wings width (mm)	Depth (mm)	Packing (per. ctn)	Characteristic
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ARCH BEAD

	Arch Bead	0.5	2-3	25 x 25	2.5	50	To relieve stress caused by expansion and contraction within the system, this deep grooved 'V' is the most economical answer. Control Joint should be placed at 13.4 m ² (144 2ft) intervals. Can be used with 9.5, 12.5 or 15 mm plaster boards and has excellent paint adhesion
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	Reference	Wire Gauge	Corrosion resistance	Weight (kg)	Packing	Characteristic
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BINDING WIRE

	BIWR-001	8	Excellent	8.0	Individual	Thick zinc-coating layer of hot-dipped galvanized iron wire
	BIWR-002	10	Excellent	8.0	Individual	
	BIWR-003	12	Excellent	8.0	Individual	
	BIWR-004	14	Excellent	8.0	Individual	
	BIWR-005	18	Excellent	8.0	Individual	

	Reference	Mesh (mm)	Tolerance (mm)	Min. Gal.v. G/SQ.m	Width	Characteristic
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CHICKEN MESH

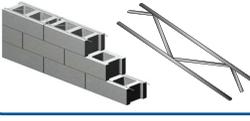
	CM 10	10	±1.0	0.7mm - 145	2'-1M	It is extensively used in industrial and agriculture ,construction as reinforcement and fencing. It is also used as fence for poultry cage, fishing, garden and children playground, etc.chicken wire is also used as a matrix to hold cement or plaster, in a process known as stuccoing.
	CM 13	13	±1.5	0.7 mm- 95	2'-2M	
	CM 16	16	±2.0	0.7 mm- 70	2'-2M	
	CM 20	20	±3.0	0.7 mm- 55	2'-2M	
	CM 25	25	±3.0	0.9 mm - 55	1'-2M	
	CM 31	31	±4.0	0.9 mm - 40	1'-2M	
	CM 40	40	±5.0	1.0 mm - 45	1'-2M	
	CM 50	50	±6.0	1.2 mm - 40	1'-2M	
	CM 65	65	±7.0	1.0 mm - 30	2'-2M	
	CM 75	75	±8.0	1.4 mm - 30	2'-2M	
	CM 100	100	±8.0	1.6 mm - 30	2'-2M	

	Reference	Side rod Dia. (mm)	Cross rod Dia. (mm)	Width (mm)	Length (m)	Packing /Bundle	Characteristic
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LADDER MESH (SS & GI)

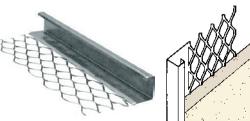
	LADM-001	4.8	4.8	50	3.0	25	Hot Galvanized 9 gauge rod
	LADM-002	4.8	4.8	100	3.0	25	
	LADM-003	4.8	4.8	150	3.0	25	
	LADM-004	4.8	4.8	200	3.0	25	

TRUSH MESH (SS & GI)

	LADM-005	4.8	4.8	50	3.0	25	Hot Galvanized or Mill Galvanized
	LADM-006	4.8	4.8	100	3.0	25	
	LADM-007	4.8	4.8	150	3.0	25	
	LADM-008	4.8	4.8	200	3.0	25	

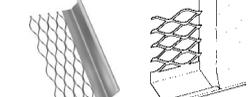
	Reference	Thickness (mm)	Plaster depth (m)	Width (mm)	Length (m)	Weight (kg/pc)	Packing (pcs/ctn.)	Characteristic
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PLASTER BEAD (SS & GI)

	GIML-001	0.30	10	60	2.7	0.3	50	This reinforcement is used along stress lines where cracking is likely to occur i.e. over service chases.
	GIML-002	0.30	13	60	2.7	0.4	50	
	GIML-003	0.30	16	60	2.7	0.49	50	
	GIML-004	0.30	19	60	2.7	0.58	50	

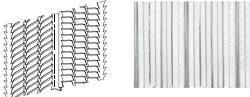
	Reference	Thickness (mm)	Render depth (m)	Width L1(mm)	Flange width (mm)	Length (m)	Packing (pcs/ctn)	Characteristic
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RENDER STOP BEAD (SS & GI)

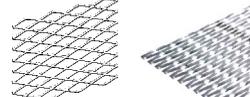
	GIRS-001	0.30	16	60	45	0.3	50	Forms and protects lower edge of render.
	GIRS-002	0.30	19	60	45	0.4	50	

	Reference	Thickness (mm)	Width (mm)	Length (m)	Weight (kg)	Characteristic
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RIB LATH (SS & GI)

	RIBL-001	0.35	600	2.2	1.66	This Rib-Lath is manufactured from the same steel sheet and is stiffened by the longitudinal ribs. It is ideal for suspended ceilings and partitions.
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STRIP MESH (SS & GI)

	GISM-001	0.30	100	3.0		This reinforcement is used along stress lines where cracking is likely to occur i.e. over service chases.
	GIML-002	0.30	150	3.0		
	GIML-003	0.30	200	3.0		

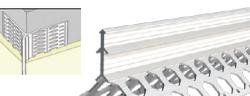
	Reference	Thickness (mm)	Plaster Depth (mm)	Wings wide (mm)	Length (m)	Packing (per. ctn)	Characteristic
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CORNER BEAD (2-3 MM)

	CB 2-3 1	0.5	2-3	31 x 31	2.5	50	A rust proof, high impact resistant, non-kinking staright corner. Protects plaster against impact and reinforces where vulnerable. Creates a staright edge at the corner
	CB 2-3 2	0.5	2-3	25 x 25	2.5	50	

	Reference	Thickness (mm)	Plaster Depth (mm)	Wings wide (mm)	Length (m)	Packing (per. ctn)	Characteristic
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CORNER BEAD (10-12 MM)

	CB 10	1.0	10	50 x 50	2.5	50	A rust proof, high impact resistant, non-kinking staright corner. Protects plaster against impact and reinforces where vulnerable. Creates a staright edge at the corner
	CB 10-12	1.0	10-12	34 x 34	2.5	50	