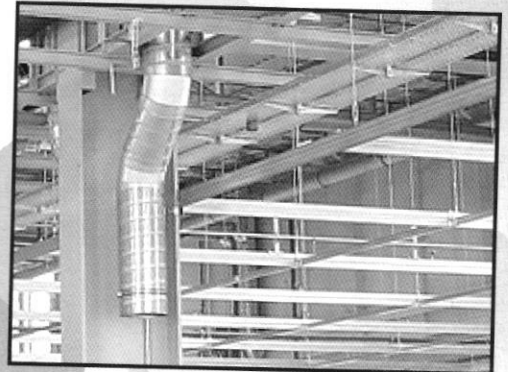
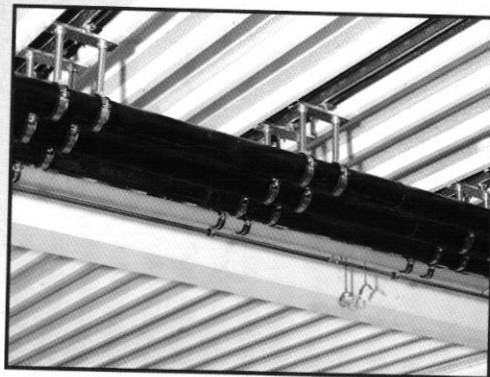
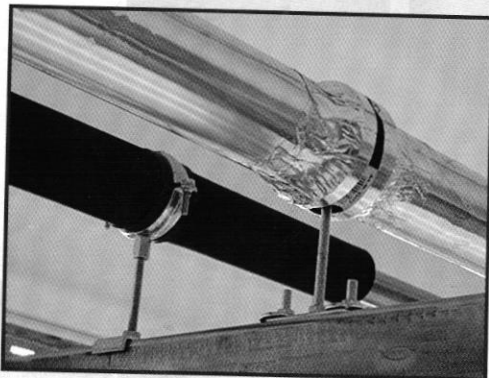


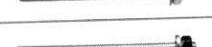
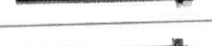
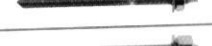
SaMontec

**Installations for
Flexibility & Design
Freedom**



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Fastener Portfolio

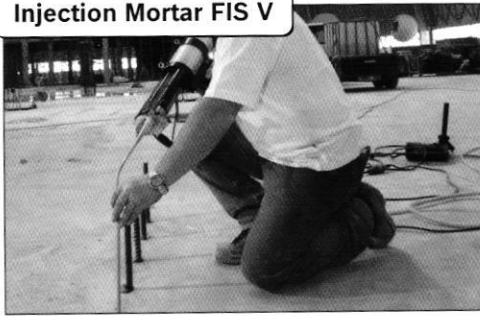
Product Range	Model	Model Name	Anchor Material				Application Base Material			ETA
			 Galvanized Steel	 Stainless Steel	 Nylon	 Chemical Bond	 Concrete	 Masonry	 Natural Stone	
Chemical		FIS HB (Highbond)								
		FIS SB (Hybrid)				✓	✓		✓	✓
		FIS EM (Epoxy)				✓	✓		✓	✓
		FIS V (Vinyl Ester)				✓	✓		✓	✓
		FIS P Plus (poly Ester)				✓	✓	✓	✓	✓
		RM			✓	✓	✓		✓	✓
		FHB Dyn				✓	✓		✓	
		RGM	✓	✓			✓	✓	✓	✓
		FIS A	✓	✓			✓	✓	✓	✓
		FTR	✓	✓			✓	✓	✓	
Mechanical		FBN II	✓	✓			✓		✓	✓
		FAZ II	✓	✓			✓		✓	✓
		FH II	✓	✓			✓		✓	✓
		FZA	✓	✓			✓		✓	✓
		FWA	✓				✓		✓	
		FSL	✓				✓		✓	
		EA N M	✓				✓		✓	
		S			✓		✓	✓	✓	
Nylon		UX			✓		✓	✓	✓	
		N	✓	✓	✓		✓	✓	✓	
		SXR	✓	✓	✓		✓	✓	✓	✓
		WST		✓	✓					
Others		PU FOAM					✓			
		PUCLEANER					✓			
Accessories	Dispenser FIS AM 	Dispenser FIS AC 								
	Brush 	Blow Pump 								

Notes: [1] Carbon Steel is galvanised – Zinc plated of 5 microns & Passivated. Stainless steel is of grade A4 & A2.
 [2] The above mentioned loads are guideline working loads for anchors, considering M25 grade non cracked concrete.



Anchor Design Software freely available at www.fischer.de

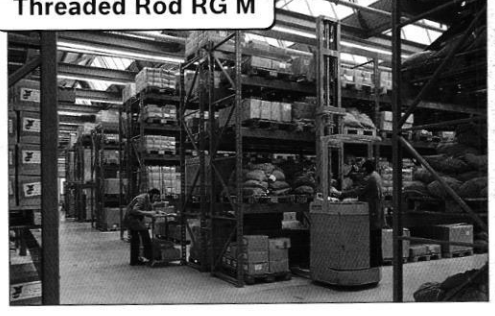
Injection Mortar FIS V



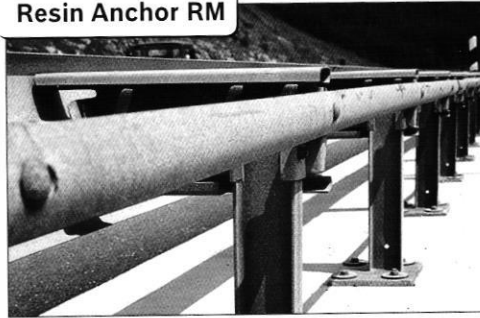
Hammerest Anchor EA-N



Threaded Rod RG M



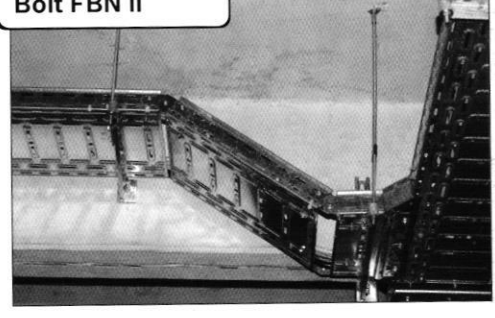
Resin Anchor RM



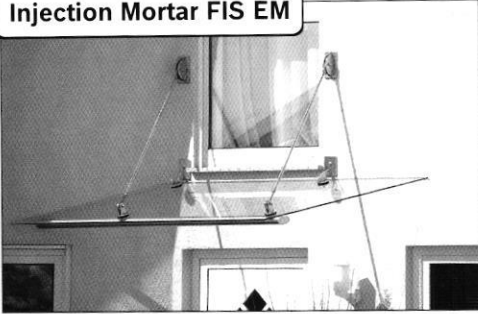
Door Fixing SXR



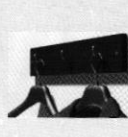
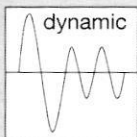
Bolt FBN II



Injection Mortar FIS EM



Frame Fixing FUR



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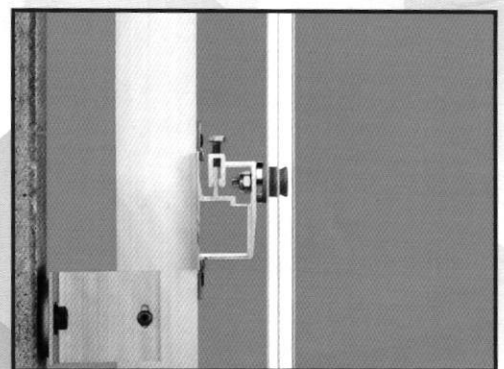
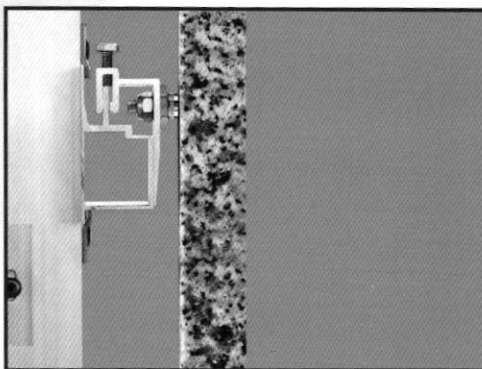
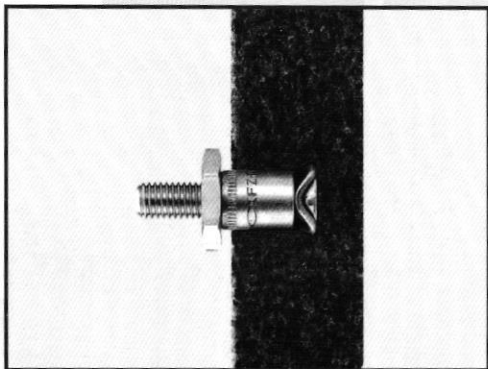
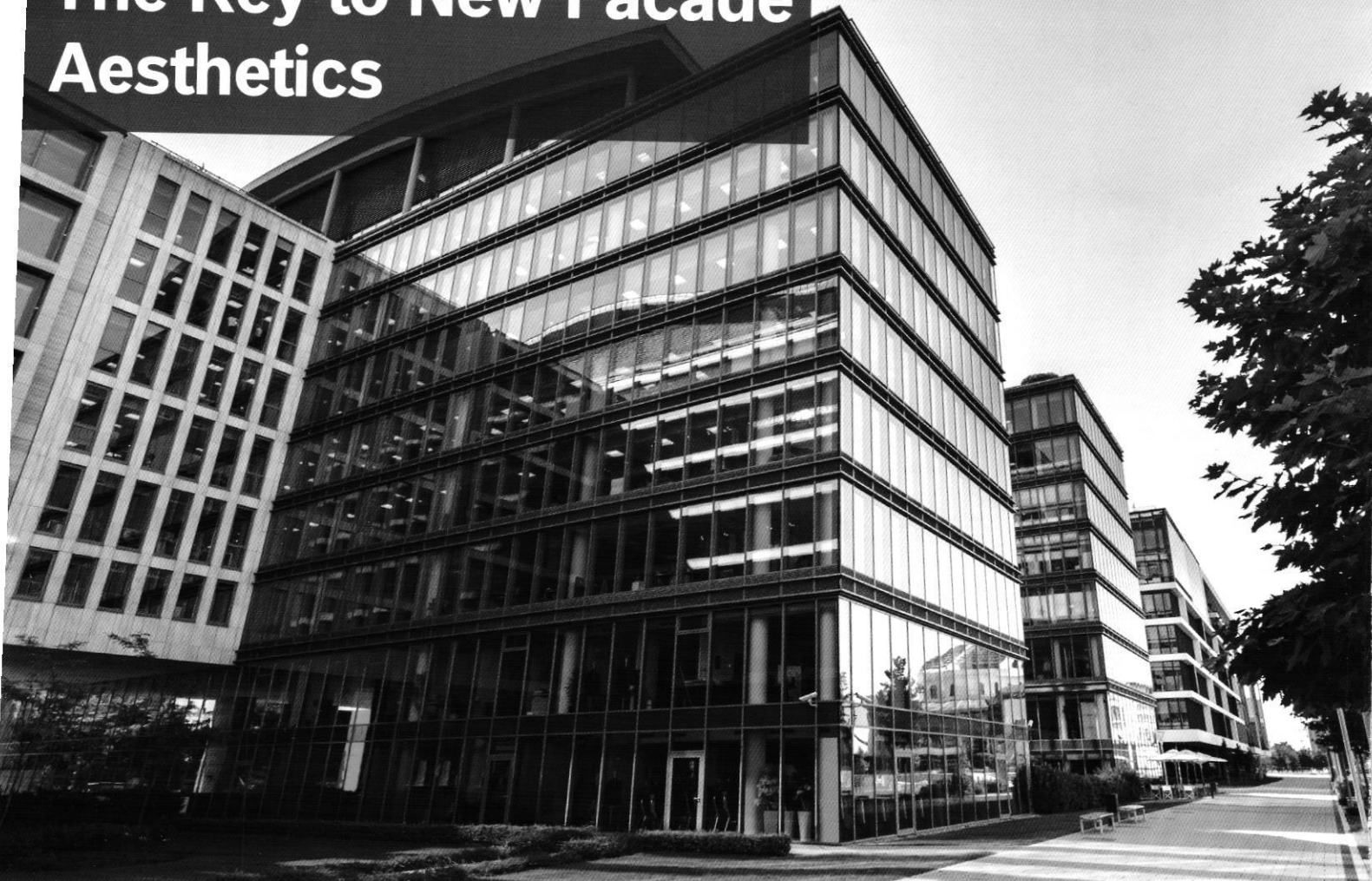
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International Approvals			Application Type			Anchor Diameter (mm)		Load Values (KN)			
ICC	DIBt	Fire	Static	Dynamic	Seismic	Minimum	Maximum	Tension		Shear	
								Minimum	Maximum	Minimum	Maximum
	✓			✓		12	24	14.10	28.90	6.70	22.20
			✓			8	30	12.70	157.70	7.20	180.00
✓		✓	✓		✓	8	42	12.70	269.30	7.20	224.20
✓		✓	✓			6	30	6.80	149.50	2.00	112.80
			✓								
			✓			8	30	12.30	140.70	5.90	102.60
	✓	✓	✓	✓				Based on the Bonding Agent Used For Installation			
			✓		✓	6	30				
			✓		✓	8	30				
			✓			8	30				
		✓	✓			6	20	4.00	36.20	3.80	53.60
✓		✓	✓		✓	8	24	7.20	51.80	9.60	68.80
✓		✓	✓		✓	6	24	9.40	68.00	9.40	119.20
		✓	✓		✓	6	22	9.40	51.70	6.40	50.20
			✓			6	20	1.30	13.50	1.30	13.50
			✓			8	20	0.50	4.50	1.00	4.30
			✓			6	20	1.50	9.50	0.50	0.80
			✓			4	20	0.16	3.88	0.16	3.88
			✓			5	14	0.30	1.80	0.3	1.80
			✓			5	10	0.16	0.33	0.16	0.33
			✓			8	10	1.00	1.80	4.20	5.40
			✓								
			✓								

Primary Applications

For structural & non structural applications in Bricks, Concrete & Rock. Base material shall be in wet, dry or saturated conditions.

Service Applications Like Electrical Cable Trays, Mechanical Machines, Plumbing, Fire Fighting, Cladding, HVAC, Lift & Escalators

Domestic Applications, Interiors, Door & Window Frames

For Wash Basin & Toilet Fixing

Construction Gap Filling Application

Dispenser FIS DM SL



Setting Tool EA-ST



Blow out Pump ABG



Drill bit FZUB



[3] Rebar load capacities depends on the yield strength of steel.

[4] Design loads are mentioned for nylon fasteners considering for M20 grade.

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