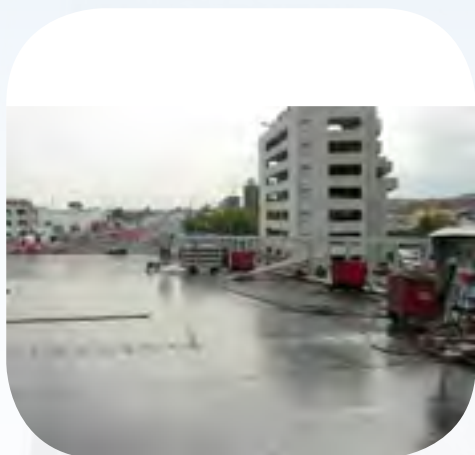


FIPchemicals®

Waterproofing





BetonFIP® WATERPROOFING CEMENT BASED

BetonFIP® WP 610 FLEX

Two-component flexible cementitious waterproofing for concrete structures. Dams, pools, water tanks, foundations, retaining walls, undertiles and for roofing applications. Available in grey.

BetonFIP® WP 600

One component cementitious waterproofing for concrete structures. Dams, pools, water tanks, foundations, retaining walls, undertiles.

BetonFIP® WP Bandella Elastica

Special elastic TPO joint cover for BetonFIP® WP and ResinFIP® WP waterproofing systems.

BetonFIP® WP Mesh

Glass fiber 4 X 5 mm mesh alkali resistant for two or one component waterproofing cementitious systems.

BetonFIP® LATTICE

Latex to improve the adhesion of plasters, mortars and grouts for concrete casting

BetonFIP® WaterBlock

Fast setting water plugging mortar for arresting water seepage and infiltration under pressure through cracks, joints and voids in concrete and masonry.

BetonFIP® WATERPROOFING EPOXY CEMENT

ResinFIP® PRIMER WP E 700

Three component special epoxy cement primer specially designed for humid substrates, resist to negative and positive hydrostatic pressure. Can be applied without risk of osmotic blistering to "green" concrete, wet substrates or floors with no effective waterproofing membrane.

ResinFIP® MALTA EC 430

Epoxy-cement waterproofing low thickness plaster.

BetonFIP® WATER REPELLENT

ResinFIP® Silan A

Water based super hydrophobic treatment for cement and porous materials

ResinFIP® Silan S

Solvent based super hydrophobic treatment for cement and porous materials

BetonFIP® WATERPROOF PAINTS

ResinFIP® COAT PU 370 EL

Poliurethane protective coating for concrete. Provides excellent protection against the damaging effects of carbonation.

ResinFIP® Primer 371

Epoxy primer for epoxy and polyurethane coatings

BetonFIP® WATERPROOFING RESIN BASED

ResinFIP® WP ROOFTITANIUM

Hybrid white waterproofing liquid membrane. RAL 9010-9003

BetonFIP® LATTICE

Latex to improve the adhesion of plasters, mortars and grouts for concrete casting

BetonFIP® WATERPROOFING HYBRID

ResinFIP® WP EB 710-AD FIP

Two component epoxy poliurethane waterproofing system with modified bitumen. Has excellent chemical resistance. Ideal for concrete and steel structures.

ResinFIP® PRIMER WP E 700

Three component special epoxy cement primer specially designed for humid substrates, resist to negative and positive hydrostatic pressure. Can be applied without risk of osmotic blistering to "green" concrete, wet substrates or floors with no effective waterproofing membrane.

BetonFIP® WATERPROOFING BITUMEN

ResinFIP® WP BIT 730

Bitumen emulsion for waterproofing.

ResinFIP® WP BIT 740

Bitumen waterproofing emulsion with elastomeric additives for retaining walls underground structures.

BetonFIP® SEALANTS

ResinFIP® SEAL THS 520

Polysulfide thixotropic sealant pouring grade. Available in black and gray.

ResinFIP® SEAL THT 530

Polysulfide thixotropic sealant for vertical applications. Available in black and gray.

BetonFIP® WP CORDOLO BENTONITICO

Bentonite swellable rod

BetonFIP® WATERPROOFING ADDITIVES

BetonFIP® LATTICE

Latex to improve the adhesion of plasters, mortars and grouts for concrete casting

BetonFIP® WATERPROOFING SEALANTS

ResinFIP® SEAL THS 520

Polysulfide thixotropic sealant pouring grade. Available in black and gray.

ResinFIP® SEAL THT 530

Polysulfide thixotropic sealant for vertical applications. Available in black and gray.



PRODUCT	DESCRIPTION
WP SERIES	
BetonFIP® WP 610 FLEX EN 1504-2 CE accreditation system 2+	Two-component flexible cementitious waterproofing for concrete structures. Dams, pools, water tanks, foundations, retaining walls, undertiles and for roofing applications. Available in grey.
BetonFIP® WP 600 EN 1504-2 CE accreditation system 2+	One component cementitious waterproofing for concrete structures. Dams, pools, water tanks, foundations, retaining walls, undertiles.
ResinFIP® FIP ROOF TITANIUM	Hybrid white waterproofing liquid membrane. RAL 9010-9003
ResinFIP® LATTICE	Latex to improve the adhesion of mortars and grouts for concrete. Primer for FIPProof titanium.
BetonFIP® WP BANDELLA ELASTICA	Special elastic TPO joint cover for BetonFIP®WP and ResinFIP® WP waterproofing systems.
BetonFIP® WaterBlock	Fast setting water plugging mortar for arresting water seepage and infiltration under pressure through cracks, joints and voids in concrete and masonry.
BetonFIP® WP CORDOLO BENTONITICO	Bentonite swellable rod
ResinFIP® WP EB 710 EN 1504-2	Two component epoxy poliurethane waterproofing system with modified bitumen. Has excellent chemical resistance. Ideal for concrete and steel structures.
ResinFIP®PRIMER WP 700	Three component special epoxy cement primer specially designed for humid substrates, resist to negative and positive hydrostatic pressure. Can be applied without risk of osmotic blistering to "green" concrete, wet substrates or floors with no effective waterproofing membrane.
ResinFIP® COAT PU 370 EL EN 1504-2	Poliurethane protective coating for concrete. Provides excellent protection against the damaging effects of carbonation.
ResinFIP® Primer 371	Epoxy primer for epoxy and polyurethane coatings
ResinFIP® Silan A	Water based super hydrophobic treatment for cement and porous materials
ResinFIP® Silan S	Solvent based super hydrophobic treatment for cement and porous materials
ResinFIP® WP BIT 730	Bitumen emulsion for waterproofing
ResinFIP® WP BIT 740	Bitumen waterproofing emulsion with elastomeric additives for retaining walls underground structures.
ResinFIP® SEAL THS 520	Polysulfide thixotropic sealant pouring grade. Available in black and gray.
ResinFIP® SEAL THT 530	Polysulfide thixotropic sealant for vertical applications. Available in black and gray.
ResinFIP®PRIMER WP 700	Three component special epoxy cement primer specially designed for humid substrates, resist to negative and positive hydrostatic pressure. Can be applied without risk of osmotic blistering to "green" concrete, wet substrates or floors with no effective waterproofing membrane.
ResinFIP® MALTA E 430 EN 1504-2	Epoxy-cement waterproofing low thickness plaster

GUIDE

PACK	COVERAGE	PERFORMANCE	APPROX. YIELD
2k SET 30kg A 22,2 kg + B 7,8 kg	1,5 kg /m2/mm	Adhesion to concrete >0,8 Mpa Resistance to positive hydraulic pressure 5 bar, Resistance to negative hydraulic pressure 2,5 bar	10 sqm
25 kg	1,55 kg /m2/mm	Resistance to positive hydraulic pressure >4 bar 24 h > 12 MPa 7 days > 30 MPa 28 days > 40 Mpa	min 10 sqm
18 kg	1,5-2 m2/Kg for two coats (Beton) 0,8-1 m2/Kg for two coats (asphalt membrane with gravel)	Elongation 200% Adhesion on damp concrete surface 1,45-1,60 Mpa	36 sqm
5 kg and 25 kg	Consult T.D.S	Consult T.D.S	Consult T.D.S
rolle of 50 m L=12 cm	1m / m	Longitudinal elongation >70% Transversal elongation >300%	50 m
5 kg bag	1,5-1,9 kg/dm3	Compression resistance 15 min >10 MPa 24 h > 20 MPa 7 days > 25 MPa 28 days > 35 Mpa	1,5-1,9 kg/dm3
20X25 mm Rols of 5 m		Elongation at break 168 % Expansion factor 440%	
20 kg	1,5 kg/m2/mm	Elongation ASTM D638 > 130 % Tensile strength ASTM D638 >3,5 Mpa	10 m - 6.7 m
23,5 kg A+B+C A 15 kg B 4,25 kg C 4,25 kg	1,5 kg/m2/mm	Adhesion to concrete >3 Mpa Water vapor permeability Sd<3m	15,7 m
		Adhesion to concrete EN 1542 >3 Mpa Permeability to CO2 Sd > 170 m $\mu > 800,000$	
7 A +2 B	0,15-0,3 kg/mq		
10 kg			
10 kg			
18 kg	1,15 kg/m2/mm		
18 kg	1,15 kg/m2/mm		
Set 3,5 kg A 3 kg+ B 0,5 kg	1,50 + 0,05 kg/dm3	Elongation > 250 % Hardness UNI 4916 - 74 25 Shore A	
Set 3,5 kg A 3 kg+ B 0,5 kg	1,50 + 0,05 kg/dm3	Elongation > 250 % Hardness UNI 4916 - 74 25 Shore A	
SET 23,5 kg A+B+C A 15 kg B 4,25 kg C 4,25 kg	1,5 kg/m2/mm	Adhesion to concrete >3 Mpa Water vapor permeability Sd<3m	15,7 m
SET 230,8 kg A+B+C A 25 kg B 4,2 kg C 1,6 kg	1,6 kg/m2 /mm		

WATERPROOFING INSULATION					
APPLICATION FIELD	CEMENTITIOUS WATERPROOFING				ENERGY SAVING
	BF 610 FLEX	BF 600	RF PRIMER WP E 700	BF WATERBLOCK	RF WP ROOF TITANIUM
Roofing	✓	✓ As underlayer	✓ As underlayer	✓	✓
Thermal insulation					✓
Concrete Bridge deck	✓	✓ As underlayer	✓ As underlayer		
Steel Bridge deck					
Dams	✓	✓	✓	✓	
Walls					
Underground Structures	✓	✓	✓	✓	
Pools	✓	✓	✓	✓	
Water tanks	✓	✓	✓	✓	
Bathrooms Kitchens	✓	✓	✓		
Balconies		✓	✓		
Porous materials Bricks Stones etc		✓			
Exterior Walls		✓			
Metallic Surfaces	✓				

ATION & ENERGY SAVING

AVING	EPOXY OR PU WATERPROOFING COATINGS					SEALANTS	
OF 1	RF WP EB 710	RF COAT PU 370 EL	RF COAT ES 385	RF SILAN A	RF SILAN S	SEAL THS 520	SEAL THT 530
	✓					✓	✓
	✓					✓	✓
	✓					✓	✓
						✓	✓
		✓	✓	✓	✓	✓	✓
	✓						✓
						✓	✓
	✓					✓	✓
						✓	✓
						✓	✓
			✓	✓	✓		
	✓		✓	✓	✓	✓	✓
	✓					✓	✓



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