

Oil & Gas solutions



Welcome to weber industrial constructions solution brochure. As a recognized manufacturer and innovator of easy-to-apply products in the flooring systems, facades, technical mortars, admixtures and tile fixing markets, weber is a leading player in the construction products industry.

The synergy between these different activities enables weber to provide integrated solutions for a wide range of projects from buildings to infrastructures to industrial developments.

As part of the industrial segment, the **Oil & Gas** market is still showing an expansion and new plants are being built with high demand on construction products and solutions.

Based on its strong knowledge and experience, weber is committed to provide complete high performance solutions to meet all the requirements related to the **Oil & Gas** continuous growing market.

www.middleeast.weber





Oil & Gas Range


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Grouting & Bedding

Cementitious & epoxy grouts for bedding, repairing, jacketing, jointing and other technical applications


HIGH STRENGTH


PUMPABLE





Product Selector

Cementitious

	Description	Application Field	Compressive Strength	Flexural Strength	Thickness/mm
webertec OG	Highly fluid cementitious expansive grout	Grouting under pipe support (transmission pipeline)	≥65 Mpa	≥14 Mpa	Up to 100
webertec 304 VHS	Very high strength shrinkage compensated grout	Grouting industrial equipment and machinery base plates	>80 Mpa	>10 Mpa	Up to 100
webertec 305 HF	Highly fluid non-shrink cementitious grout	Grouting industrial equipment and machinery base plates	>60 Mpa	>10 Mpa	Up to 50
webertec grout P plus	Highly fluid cementitious expansive grout	Grouting under pipe support (transmission pipeline)	≥65 Mpa	≥14 Mpa	Up to 100
webertec 311 MC-HCS	Non-shrink high strength fluid micro-concrete	Pile capping for Jetty offshore production deck	70 Mpa	>10 Mpa	Up to 300
webertec MC1	Easy to use durable micro-concrete	Pile capping for Jetty offshore production deck	>60 Mpa	>10 Mpa	Up to 200

Epoxy

webertec epo 430 GRT plus	Free flowing high strength epoxy grout	Equipment & heavy machinery mounting plates & cranes base plate	100 Mpa	>30 Mpa	Up to 450
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Concrete repair & anchoring

Fair Facing and structural cementitious and epoxy based mortars




HIGH STRENGTH


HIGH BOND

Anchoring



Repair



Product Selector

Cementitious

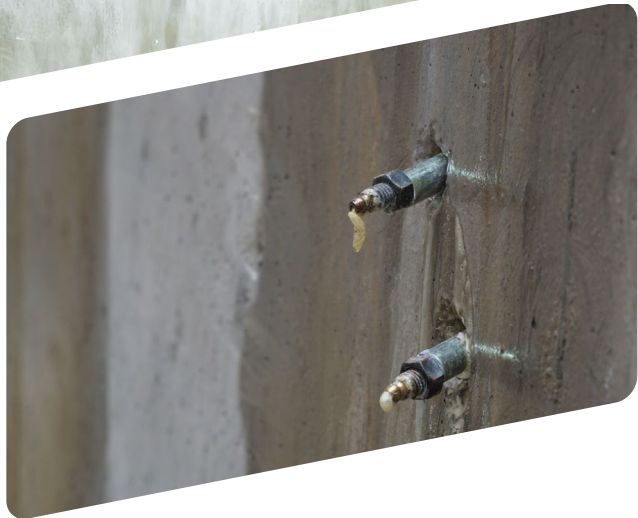
	Description	Application Field	Compressive Strength	Flexural Strength	Thickness/mm
weberep 331 TX	Non- shrink thixotropic repair mortar with fiber	Structural concrete cracks or damages	50 Mpa	7 Mpa	Up to 50
weberep 331 HCS	Non shrink high strength thixotropic repair mortar	Structural concrete cracks or damages	70 Mpa	>10 Mpa	Up to 50
weberep 360 FFR	Pre-mixed cementitious filler for fair face repair	Superficial cracks in concrete walls	>20 Mpa	5 Mpa	Up to 3
weberep 314 RD	High early strength and fast setting filling mortar	Repair of roads or industrial surfaces without long traffic interruption	60 Mpa	10 Mpa	Up to 150
weberep 370 PF	Two-component cement based corrosion protection and bonding agent	Corrosion protection coat of reinforcement steel in concrete			


Epoxy


weberep epo 412 CRY plus	High strength, thixotropic epoxy patching & bonding paste	Patching repair of concrete floors prior to epoxy coatings	70 Mpa	>30 Mpa	Up to 3
weberep 501 ZRP	Heavy duty ant-corrosive zinc-rich primer	Corrosion protection coat of reinforcement steel in concrete			
weberanc 405 BFX	Pure epoxy anchoring resin in cartridge	Heavy loads applications for anchoring of rebar and studs in concrete	>80 Mpa		


Crack Injection

Epoxy & polyurethane injection products for sealing cracks in dry and wet structures





WATERPROOF



HIGH STRENGTH


HIGHLY FLEXIBLE

Epoxy



PU



Product Selector

Epoxy

Description	Application Field	Tensile Strength	Elongation	Free Expansion
weberep epo 660 i	Standard epoxy injection resin	Structural cracks in concrete elements (Slabs, walls, beams and columns)	59 Mpa	
weberep epo 650 i	Very low viscosity epoxy injection resin	Structural cracks in concrete elements (Slabs, walls, beams and columns)	62 Mpa	

Polyurethane

weberdry 600 i	Flexible water sealing 2 component polyurethane injection resin	Sealing cracks in concrete elements (Slabs, walls, beams and columns)	>3 Mpa	128%
weberdry 610 i	Foam forming water sealing injection resin	Sealing cracks in concrete elements (Slabs, walls, beams and columns)		1700% to 2200%

Joint Sealants














Polyurethane & polysulphide based, cold applied elastomeric sealants with excellent adhesion and bonding



Sealants

Silicone

Product Selector

	Description	Application Field	Elongation	MAF
Polysulphide				
weber seal PS 1000 GG/PG 	Two-component polysulphide joint sealant	Expansion joints in heavy traffic floors	>600%	25%
weber seal PS 2000 JF 	Two-component polysulphide jet fuel resistant sealant	Sealing joints in reinforced concrete structures which may be subject to fuel spillage		25%
Polyurethane				
weber jointseal PU    	One component polyurethane sealant	Sealant for joints in concrete structures (expansion & construction joints & precast elements)	>500%	25%
weber joint seal PU MC    	One component polyurethane sealant and adhesive	Sealant for joints in concrete structures (expansion & construction joints & precast elements)	>500%	25%
Silicone				
weber silicone FS   	High performance firestop silicone sealant	Fire resistant joints in fire rated zone (firestop system)	>300%	50%

   
Colored circles indicate available colors

Protective coatings

Innovative solutions for different applications to protect concrete structures














WATERPROOF



CHEMICAL RESISTANT



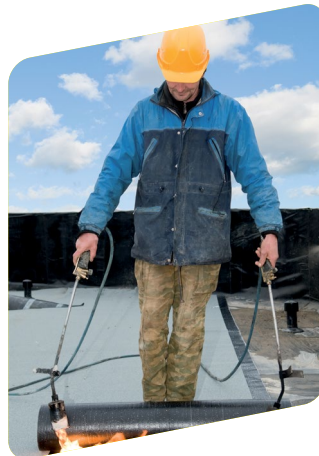
Product Selector

	Description	Application Field	Adhesion strength	Chemical resistance	Reduction in RCP
Polyester					
webercote protect PE 	Eco-friendly hydrophobic coating for concrete	For underground structures & foundation protections	2 Mpa	Yes	
Epoxy					
weberdry epo PW  	Non-toxic solvent free, high-chemical resistant epoxy coating	Chemicals storage tanks Water reservoirs and tanks	> 3 Mpa	Yes	
Coal Tar					
weberdry tar ESB  	Solvent based coal tar epoxy coating for steel and concrete	Manholes foundations		Yes	
weberdry tar ESF  	High-Build solvent free coal tar epoxy coating	Manholes foundations		Yes	
Acrylic					
webercote beton plus	Protective anti-carbonation coating for concrete	Exposed concrete structures with high risk of carbonation and chloride attack	> 2 Mpa	Yes	≥ 9%
Bituminous					
weberdry SSP 50 	Waterproofing rubberized bitumen emulsion	Footings and other buried elements			
weberdry bitum WB 	Cold applied bitumen protective coating	Protective coating for concrete underground Primer coat prior to application of bituminous membranes			

   
Colored circles indicate available colors

Waterproofing

Quality solutions
for different
requirements which
protect safely the
structure and
for the long term



HIGHLY FLEXIBLEFAST SETTINGPOTABLE WATER


Product Selector


	Description	Application Field	Wall	Floors
Cementitious				
weberdry 110 FX <div><div></div><div></div></div>	Flexible high cement based performance waterproof coating	Water tanks Drinking water reservoirs	Yes	Yes
weberdry 116 FX <div><div></div><div></div></div>	Flexible cement based acrylic waterproof coating	Waterproofing of wet areas	Yes	Yes
weberdry 150 BLC <div><div></div></div>	Cementitious plugging mortar	Water seepage in underground structures Cracks in silos and water reservoir leakage	Yes	Yes
PVC				
weberdry waterstop <div><div></div></div>	Waterstops for construction and expansion joints	Sealing for construction and expansion joints in water retaining structures	Yes	Yes
Rubber				
weberdry swellbar LB <div><div></div></div>	Swellable rubber waterstop	Construction joints in vertical and horizontal situations	Yes	Yes
Bituminous				
Biplas range	APP modified bituminous membrane	Waterproofing of foundations, basements and footings	Yes	Yes
Biflex range	SBS modified bituminous membrane	Waterproofing of foundations, basements	Yes	Yes

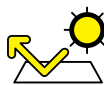
Colored circles indicate available colors


Roofing

Flexible
waterproofing
liquid membranes
for exposed roof
with high solar
reflectance


WATERPROOF


HIGHLY FLEXIBLE


UV RESITANT





Product Selector

	Description	Application Field	Elongation	Wall	Floor	Primer
Polyurethane						
weberdry 360 PU <div><div></div><div></div></div>	Liquid applied polyurethane waterproofing membrane	Concrete roof Steel roof Old bituminous felt	> 600%	Yes	Yes	Yes
weberdry PUR seal <div><div></div><div></div></div>	Liquid applied polyurethane waterproofing membrane	Concrete roof Steel roof Old bituminous felt	> 800%	Yes	Yes	Yes
weberdry PUR coat <div><div></div><div></div><div></div></div>	Aliphatic polyurethane top-coat	Over the weberdry 360 PU and weberdry PUR seal on surfaces with normal pedestrian traffic	289%		Yes	No
weberdry PUR coat traffic <div><div></div><div></div><div></div></div>	Aliphatic polyurethane top-coat	Over the weberdry 360 PU and weberdry PUR seal on surfaces with public pedestrian traffic or light car traffic	> 100%		Yes	No

Colored circles indicate available colors

Flooring

Weber offers a wide range of products such as primers, screeds and smoothing mortars and even floor covering adhesives...


CHEMICAL
RESISTANT






HIGH STRENGTH









Product Selector

Cementitious

	Description	Application Field	CF	FS	Application thickness	Indoor	Outdoor	Primer
weberfloor 600 SCR 	Dry ready mix screed fiber reinforced	Indoor floor surface prior to installation of other overlayment products	> 30 Mpa	> 6 Mpa	30 mm to 80 mm	Yes	No	Yes
weberfloor 620 PMB plus 	Fast drying (4 days), shrinkage controlled, semi-dry floor screed	Indoor floor surface prior to installation of other overlayment products	> 20Mpa	> 4Mpa	15 mm to 200 mm	Yes	Yes	Yes
weberfloor 514 SL 	Fast setting cementitious self-leveling flooring compound	Indoor floor surface prior to installation of other overlayment products	25 Mpa	6 Mpa	up to 15 mm	Yes	No	Yes
weberfloor 400 BA 	Surface hardener in powder form	Warehouses and industrial floors	55 Mpa	12 Mpa		Yes	Yes	No

Epoxy

weberfloor epobat    	Solvent free heavy duty epoxy floor coating	Machinery service area Mechanical rooms Warehouse and storage facilities	> 85 Mpa	> 30 Mpa	200 microns DFT per coat	Yes	No	Yes
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Silicate

weberfloor 255 SC	Liquid surface hardener for concrete mortar	Warehouses and industrial floors				Yes	Yes	No
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Colored circles indicate available colors

Admixtures for concrete

Solutions to improve
the durability of
concrete & increase
the service life for
structures



CORROSION
RESISTANT



WATERPROOF

Waterproofing
admixtures



Corrosion
inhibitors



Product Selector

Corrosion Inhibitor

Admix PCI



Bipolar concrete penetrating corrosion
inhibiting admixture

Concrete structures exposed to
corrosive environment

Liquid

ASTM G 109

2 kg/m³

Waterproofing

weberad sec E



Integral waterproofing admixture in
liquid form

Concrete for foundations under water
table
Concrete in regular contact with water

Liquid

BS EN 934

0.5 to 1.5 kg
per 100 kg of
the cement



Colored circles indicate available colors

weber cares about building better for people and the planet

Tiling



Walls & Facades



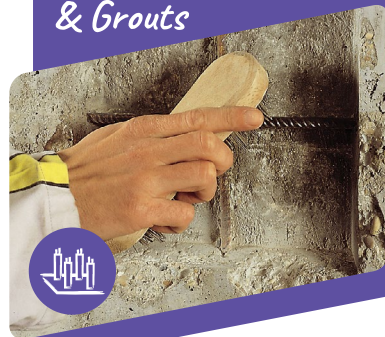
Flooring Solutions



Waterproofing



*Concrete Repair
& Grouts*



Concrete Admixtures




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