

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 is 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

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

High strength cementitious non-shrink precision grout

Jointing & bedding for precast panels

>75 Mpa

>10 Mpa

Up to 50

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

Concrete Repair & Anchoring

Fair facing and structural cementitious and epoxy based mortars



Repair



Anchoring



Product Selector

Cementitious

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



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WATERPROOF

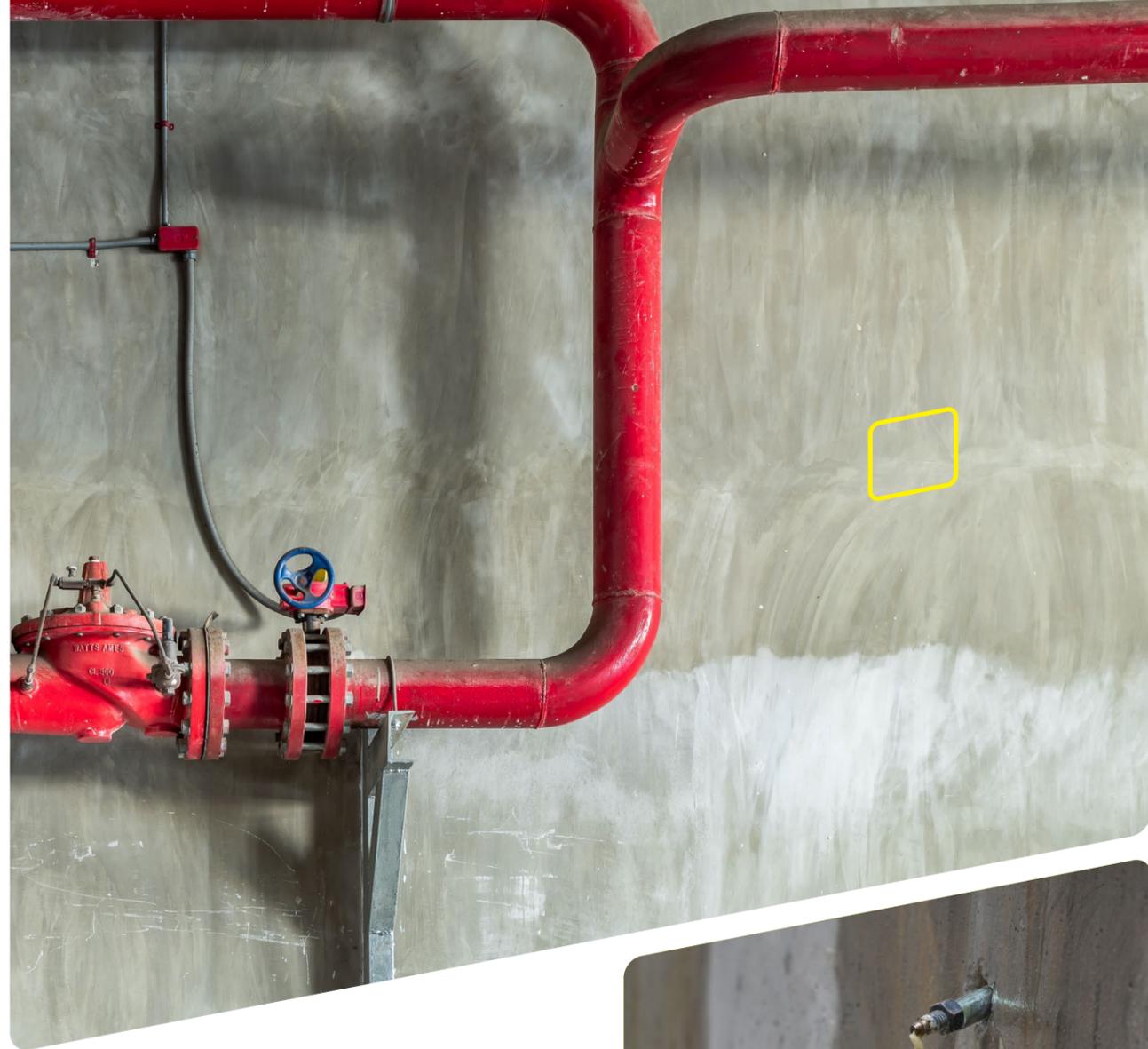


HIGH STRENGTH

مرن جداً



HIGHLY FLEXIBLE



Product Selector

Epoxy

weberep epo 660 i

Description

Standard epoxy injection resin

Application Field

Structural cracks in concrete elements (Slabs, walls, beams and columns)

Tensile Strength

59 Mpa

Elongation

Free Expansion

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



Product Selector

	Description	Application Field	Adhesion Strength	Chemical resistance	Reduction in RCP
Polyster webercote protect PE ●	Eco-friendly hydrophobic coating for concrete	For underground structures & foundations protection	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 & 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	≥92%
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 FLEXIBLE



FAST SETTING



POTABLE WATER



Product Selector

Cementitious

weberdry 110 FX ● ●

weberdry 116 FX ● ●

weberdry 150 BLC ●

PVC

weberdry waterstop ●

Rubber

weberdry swellbar RB ●

Bituminous

Biplas range

Biflex range

Description	Application Field	Wall	Floor
Flexible high cement based performance waterproof coating	Water tanks Drinking water reservoirs	Yes	Yes
Flexible cement based acrylic waterproof coating	Waterproofing of wet areas	Yes	Yes
Cementitious plugging mortar	Water seepage in underground structures Cracks in silos and water reservoir leakage	Yes	Yes
Waterstops for construction and expansion joints	Sealing construction & expansion joints in water retaining structures	Yes	Yes
Swellable rubber waterstop	Construction joints in vertical & horizontal situations	Yes	Yes
APP modified bituminous membrane	Waterproofing of foundations, basements and footings	Yes	Yes
SBS modified bituminous membrane	Waterproofing of foundations, basements and footings	Yes	Yes



colored circles indicate available colors

Roofing

*Flexible
waterproofing
liquid membranes
for exposed roof
with high solar
reflectance*



UV RESISTANT



WATERPROOF



HIGHLY FLEXIBLE



Product Selector

Polyurethane

weberdry 360 PU
○●

Description

Liquid applied polyurethane waterproofing membrane

Application Field

Concrete roof
Steel roof
Old bituminous felt

Elongation

> 600 %

Wall

Yes

Floor

Yes

Primer

Yes

weberdry PUR seal
○●

Liquid applied polyurethane waterproofing membrane

Concrete roof
Steel roof
Old bituminous felt

> 800 %

Yes

Yes

Yes

weberdry PUR coat
○●●

Aliphatic polyurethane top-coat

Over the **weberdry 360 PU** & **weberdry PUR seal** on surfaces with normal pedestrian traffic

289%

Yes

No

weberdry PUR coat traffic
○●●

Aliphatic polyurethane top-coat

Over the **weberdry 360 PU** & **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...



Product Selector

	Description	Application Field	CS	FS	Application Thickness	Indoor	Outdoor	Primer
Cementitious 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
webefloor 620 PMB plus ●	Fast drying (4 days), shrinkage controlled, semi-dry floor screed	Indoor floor surface prior to installation of other overlayment products	>20 Mpa	>4 Mpa	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 15mm	Yes	No	Yes
weberfloor 400 BA ●	Surface hardener in powder form	Warehouses & 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 & storage facilities	>85 Mpa	>30 Mpa	200 Microns DFT per coat.	Yes	No	Yes
Silicate weberfloor 255 SC	Liquid surface hardener for concrete mortar	Warehouses & industrial floors				Yes	Yes	No

●●●● colored circles indicate available colors

Admixtures for Concrete

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



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



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WATERPROOF



مضاد للتآكل

CORROSION RESISTANT

Waterproofing admixtures



Corrosion inhibitors



Weber cares about building better for people and the planet

Tiling



Walls & Facades



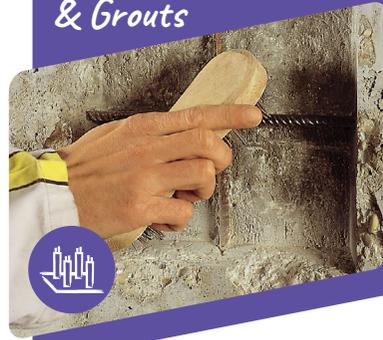
Flooring Solutions



Waterproofing



Concrete Repair
& Grouts



Concrete Admixtures



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