

Products for you







„Apropos tunnel sealing“...

ARCAN Waterproof










Product Range

Injection technique

Waterproofing injection

- HydroBloc Pu 500  elastic, swellable
- HydroBloc PU 506  elastic
- HydroSoil 517  rigid, low viscous
- HydroBloc 575 Integral  elastic, swellable
- HydroBloc Injekt 583  elastic, swellable
- HydroBloc 620 Integral  hydroactive foam
- HydroBloc 600 Integral  flexible



Contact grouting injection

- HydroBloc AC 555  till -20°C
- Silipox Injection 800  adhesion, penetration
- HydroPox EP Injekt 840  wetting
- Silox Injection 810 NT  low viscous, t-gel 5h
- Silox Injection 811 NT  i.v., t-gel 2h, humid
- Silox Injection 812 NT  low viscous, t-gel 2h
- Silox Injection 814 NT  i.v. anti corrosion
- Rokryl Injekt 327  low viscous, <0°C
- Rokryl Injekt 328  <0°C





Hose injection

- HydroBloc Pu 500  elastic, swellable
- HydroBloc PU 506  elastic
- HydroBloc 575 Integral  elastic, swellable
- HydroBloc Injekt 583  elastic, swellable





Expansion joint repair

- HydroBloc Rapid 570  elastic, swellable
- HydroBloc 500-15  elastic foam, swellable
- AFA 090 - Expansion joint cover

Curtain injection

- HydroBloc Polygel 530 
- HydroBloc Polyblend 540  Polymer Additive
- Polygrout 650  elastic, swellable, concentrate
- HydroBloc PU 660  elastic, swellable, 1:1

Waterstop with foam

- HydroBloc Micro 510  microporous, 1 comp.
- HydroBloc 620  tough elastic, 1 comp.
- HydroBloc Flex 621  flexible, 1 comp.
- HydroBloc 516  rigid, 2 comp.


Waterstop with gel


- HydroBloc Polygel 530 
- SiliBlend 535  combine with Polygel 530
- Polygrout 650  elastic, swellable concentrate
- HydroBloc PU 660  elastic, swellable, 1:1 mix ratio

Waterstop with injection resins

- HydroBloc Pu 500  elastic, swellable, with catalyst
- HydroBloc PU 506  elastic, with catalyst
- HydroBloc 575 Integral  elastic, swellable
- HydroBloc Injekt 583  elastic, swellable + cat
- HydroBloc AC 555  till -20°C, contact grouting






Waterstop with Rapid

- HydroBloc Rapid 570  super elastic, swellable


- HydroBloc 500-15  elastic foam, swellable

Foundation pit sealing








- Sheet pile wall
- Slotted wall
- Bored pile wall

- HydroBloc Rapid 570  super elastic, swellable
- HydroBloc 500-15  elastic foam, swellable
- HydroBloc Polygel 530 
- HydroBloc Polyblend 540  polymer additive
- Polygrout 650  elastic, swellable, concentrate
- HydroBloc PU 660  elastic, swellable, 1:1 mix ratio








Sealing sole

- SiliBond 711  silicate gel






Channel- pipe repair

- HydroBloc Micro 510  micro porous, 1 comp.
- HydroBloc Polygel 530 
- HydroBloc Rapid 570  super elastic, swellable
- H.B. Rapid 572  elastic, swellable, expansive
- HydroBloc 500-15  elastic, swellable, foam
- Polygrout 650  elastic, swellable, concentrate
- HydroBloc PU 660  elastic, swellable, 1:1 mix ratio

Structural solidification

- HydroSoil 517 Integral  1 comp.
- BoRox AC-1009  hydrophilic, extra wet materials
- B-Pox 0480  t-gel 6 h
- Silox Injection 810 NT  low viscous, t-gel 5h
- Silox Injection 811 NT  i.v., t-gel 2h, humid
- Silox Injection 812 NT  low viscous, t-gel 2h
- Silox Injection 814 NT  i.v., anti corrosion








Anchor bonding

- HydroBloc PU 640  rapid, thixotropic
- HydroBloc PU 641 
- HydroBloc AC 555  till -20°C
- HydroBloc OM 591 
- HydroBloc XL-938  mortar

Stabilisation floor slab, carriage way, foundation

- Planfloor 595 




Cavity filling

- HydroBloc Schaum 1200  i.v., rapid
- HydroBloc Schaum 516  rigid, foam >20
- HydroBloc OM 597 
- Silex Suspension 931 
- Calsil 972 
- GeoRock185  micro injection mortar
- HydroPor 610  casting-, injection- foam, 2 comp.

Stabilisation

- Soil and rock

- HydroBloc PU 641  rapid

- HydroBloc PU 641-T  thixotropic
- HydroBloc PU 644  slight foaming
- SiliBond 711  Silicate gel









Stabilisation

- Fine-particle bottom

- BoRox AC-1009  hydrophilic, extra wet soil
- HydroSoil 517 Integral  1 comp.








Stabilisation

- Pore volume






- SiliBond 711  silicate gel
- HydroBloc OM 591  rapid
- HydroBloc OM 593  foaming 4x
- HydroBloc OM 594  foaming 80%
- HydroBloc OM 597 
- Silex Suspension 931 
- HydroBloc Schaum 516  rigid, foaming. >20
- HydroBloc Schaum 1200  i.v., rapid

Tunnel



- Face consolidation - Umbrella injection

- BoRox AC-1009  for fine substrates
- HydroBloc OM 591  substrates with pores
- HydroBloc OM 593  substrates with pores
- HydroBloc OM 594  substrates with pores
- HydroBloc OM 597  substrates with pores
- HydroBloc PU 641-T  thixotropic
- H.B. Schaum 1200  substrates with pores

Tunnel - face pre-injection

- BoRox AC-1009  fine substrates
- HydroBloc OM 597  substrates with pores
- HydroBloc PU 641-T  thixotropic
- HydroBloc PU 644  rapid, slight foaming
- H.B. Schaum 1200  substrates with pores

Mining (coal)




- HydroBloc OM 597  gains max. 98°C
- H.B. Schaum 1201  self extinguishing

Mortar

- for drilling holes

- SealFix Expansionsmörtel 930 

- for cavities

- Silex Suspension 931 
- Calsil 972  historic buildings
- GeoRock 185  micro injection mortar

Damp proof course

- HydroBloc SI 709  concentrate, max. 99% wet
- HydroDiffusion 715  cream, max. 95% wet
- HydroBloc SI 700  capillary blocking, max. 60%
- HydroBloc SI 705  cap.bl., max. 60%, concentrate
- HydroBloc SMK 706  silicone micro emulsion, 80%
- HydroBloc 707  solvent based, max. 80% wet
- HydroSoil 517  capillary blocking

Joint sealing

- Swellable tape

HydroTape polymer tape
BentoFlex bentonite tape

- Injection tube

Injektion 402 1 injection
Pro Injekt 403 multiple injections
Swellinjekt 405 swellable tape + tube = combination

- Sealing tape

HydroFlex Dichtband 275 EVA
HydroFlex Dichtband 276 EPDM

Sealing membrane

Cembond M 945 sealing, wall
Cembond 947 flex flexible sealing, wall
Cembond EPW 863 > 7 bar waterproof, wall, floor

Restoration plaster

Cembond 967

Renovation paint

HydroBloc WPS 750 breathable
HydroBloc WPS 753 thinner
Calsol 1021 lime paint in & outdoor
Cembond MF 1041 water & dirt repellent

Liquid latex membrane

DuroFlex 900 M bath, wet rooms, terraces, balconies
Silox 901 MX chemical stress, under water
Silox 903 DF roof, facade, foundation, wind mill

Coating

Epoxy Coating

Silox EPW 856 primer, breathable
Silox EPW 857 color, breathable
Silox EPW 858 coating, self levelling, breathable
Silox 850 coating, self levelling, non breathable
Silox 860 Reprofile wall & floor
Silox 861 Reprofile floor

Polyurethane Coating

DuroFlex 670 elastic, non breathable
DuroFlex 675 like 670 + UV resistant
DuroFlex TopCoat 677 elastic, UV resistant

PMMA Coating

Rokryl 319 primer, asphalt, metal
Rokryl 320 primer, concrete
Rokryl 324 MOPO Mortar, usable after 1 h
Rokryl 326 elastic, crack and joint casting
Rokryl 326T jellylike, elastic crack and joint casting
Rokryl 327 crack casting, crack needling
Rokryl 323 coating, indoor, self-levelling
Rokryl 325 coating in & outdoor, self-levelling

Rokryl 321-T transparent sealant
Rokryl 321-P colored sealant

Polyurea

Durorea 680 roof, waste water, drive ways
Durorea 680.5 Oil for oil tanks
DuroRapid 683 in cartridges for joints
Flexsol 698 roof, terrace, sprayed from a cartridge

TopCoat

- Sealing

DuroFlex 678 sealant, transparent, active UV protection
DuroFlex TopCoat 681 chemical resistant
DuroFlex TopCoat 682 UV resistant protection
SiliBond 697 clear, flexible, UV resistant
BlocSil 790 rigid, abrasion resistant
BlocSil 791 AS very rigid, abrasion resistant, slip proof
BlocSil 795 extra rigid, abrasion resistant, slip proof
Floorpaint 908 rigid, abrasion resistant, slip proof, color

- Impregnation

PowerSeal 744 protection against, oil, grease, wine etc.

Surface

- Hydrophobization

HydroBloc SI 740 cream, wall
HydroBloc SI 741 solvent based, wall
HydroBloc SI aqua 742 concentrate, wall

- Strengthening

SiliBond 720 stone strengthener, also suitable sand stone
SiliBond LSI 725 stone strengthener, also for floors
SiliBond LSI 726 stone strengthener, also for concrete
SiliBond 970 reactive silicate, hardening and sealing

Curing

HydroBloc EP Curing Epoxy emulsion
SiliBond 970 reactive Silicate, hardening & sealing
Nanosil RNP 975 reactive Nanoparticles

Building protection flute

Silex Fluat 944 removes mold & salt, add. hardening

Stripping agents

BoRox 1032 cement skin remover
BoRox 1034 water based paint, water-based varnish, etc.
BoRox 1035 varnish, oil paint, etc.

Building- Casting resins

Silox 803 NT low.viscous., t-gel 60-80 min.
Silox 805 LC low viscous, t-gel 20 min.
Silox 806 t-gel 40 min., multi purpose resin
Silox 830 adhesion on wet concrete & steel
Silox 831 faster & thinner as 830
Silox 834 casting resin
Silox 835 faster + thinner as 834

Silox 881 long processing time, fast curing

Cleaner

HydroSolv 520 PUR, Epoxy, PMMA
HydroMoll 522 care agent for injection pumps
HydroClean 525 all-round cleaner concrete
HydroClean 526 marble, chalk containing stone
HydroClean 527 remove oil, grease from concrete
BoRox 1043 oil, grease on concrete, glass, steel, clinker
BoRox 1042 rust flowering, rust pollution
Hydronium 2030 green coating remover
Felgenwunder 916 Special cleaner for car rims

Protection temporary

Protecto 9000 for glass, steel, concrete, stone

Pavement joints mortar

BlocSil 910 for concrete pavement
Durox 920 for medium and light traffic strain
Silox 927 for medium and high traffic strain
Silibond 990 UV resistant, high strength
Silibond 991 for drain and casting mortar
Silex 922/923 joint filler to be brushed in

Swellable paste & glue

BentoColl 305 Glue for bentonite tape
HydroColl 430 Glue for polymer tape
BentoFlex 307 swellable paste bentonite
HydroSeal 355 swellable paste Polyurethane
HydroSeal 366 permanent elastic cable feed through

Glue & Sealing compound

Silipox Baukleber 824 epoxy glue
Steinspachtel 1013 glue for natural, artificial stones
Rokryl 324 MoPo mortar self levelling, 1 h cured
DuroFlex 676 flexible joint filling floor, UV resistant
Rokryl 326 Joint and crack casting floor
Rokryl 326-thix as 326 but jellylike
Rokryl 327 screed needling, crack casting, low viscous

Concrete hardening & sealing

- Surface

SiliBond 970 hardening, sealing, protection
Nanosil RNP-975 hardening, sealing, protection

- Additive

RoxSil 731 for dry mixtures (pavement, render)
HydroBloc M 959 reactive concrete sealant

Mortar

Reprofile and smoothing

Silex 961 reprofile, filling
Silex 962 repair and smoothing
Silex 963 fine putty

Repair mortar

Rokryl Rapid 332 concrete, 15 minutes cured, <0°C
Rokryl Rapid 333 Asphalt, 15 minutes cured, <0°C
Rokryl 324 fast, self levelling casting mortar

Fixing Mortar

HydroBloc XL-938 anchoring, fixing

Waterstop Mortar

Silex Waterplug 932 3 - 4 minutes
Silex Waterplug Speed 932.1 30 - 40 s

Elastified Mortar

CemFlex 964 elastic jointing, adhesion on metal
CemFlex 964-ultra fien jointing < 2 mm

Geopolymer Mortar

GeoRock 181 rapid, rigid, high strength

Accessories

Injection pumps

Injection packer

Hand pumps

Joint filling gun

ARCAN
Construction Products



Benefit from decades of experience - our team in Germany is ready to support you!

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