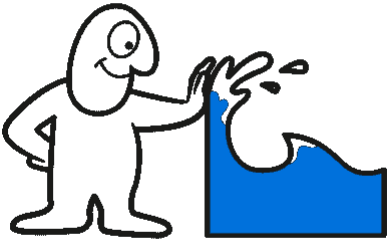


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WATERSTOP

stop and permanent sealing of heavy water ingress and leakages in concret, rock and masonry



Water leakages range from a slight trickle to heavy water ingress. ARCAN waterstop materials offer a wide range of suitable products for all waterstop types.

The best of the best waterstop, is a single shot system with super flexibility and high strength. To be honest you don't need anything else instead of HydroBloc Rapid 570 to stop rushing water. In case you like waterstop foam, choose from our range of 1 and 2 component foam resins in all shades of elasticity.

Gels made of acrylate and polyurethane are excellent waterstops. For mortar fans Silex Waterplug is the right choice.

ARCAN offers waterstop systems with foam, waterstop with gel, waterstop with injection resins and waterstop with injection rubber.

WATERSTOP

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc PU 500	PUR Resin	Crack Injection	Swellable
	1 Component Pump	Working Joint Sealing	Elastic
		Honeycomb Concrete Injection	Self-Repair Effect
		Injection Tube Injection	
		Waterstop	
		Flexible Filling, Sealing	
		Foam Follow Up	
		Waterproofing Injection	

PRODUCT NAME

HydroBloc Quellschaum 500-15

TECHNOLOGY

Swellable Elastic Foam
2 Component Pump

APPLICATION

Dilatation Joint Sealing
Waterproofing Injection
Waterstop
Sheet Pile Wall Sealing
Slurry wall sealing
Cavity Filling
Flexible Filling, Sealing

BENEFIT

Single Shot Systems
Flexible
Swellable
No Pores
No Shrinkage

PRODUCT NAME

HydroBloc PU 506

TECHNOLOGY

PUR Resin
1 Component Pump

APPLICATION

Crack Injection
Working Joint Sealing
Honeycomb Concrete Injection
Injection Tube Injection
Waterstop
Foam Follow Up
Waterproofing Injection

BENEFIT

Elastic
Low Viscous
Excellent Penetration
Excellent Adhesion

PRODUCT NAME

HydroBloc PU 507 E

TECHNOLOGY

PUR Resin
1 Component Pump

APPLICATION

Crack Injection
Working Joint Sealing
Honeycomb Concrete Injection
Injection Tube Injection
Waterstop
Foam Follow Up
Flexible Filling, Sealing

BENEFIT

Elastic
Low Viscous
2 in 1 Resin

PRODUCT NAME

HydroBloc 510

TECHNOLOGY

PUR Foam
1 Component Pump

APPLICATION

Waterstop
Soil, Rock Stabilization
Cavity Filling
Waterproofing Injection

BENEFIT

High Foam Factor
Micro Pores
Rapid Reaction
Fast Setting
Stable

PRODUCT NAME

HydroBloc 510 Integral

TECHNOLOGY

PUR Foam
1 Component Pump

APPLICATION

Waterstop
Soil, Rock Stabilization
Cavity filling
Waterproofing Injection

BENEFIT

High Foam Factor
Micro Pores
Rapid Reaction
Fast Setting
Stable

PRODUCT NAME

Hydrobloc 516

TECHNOLOGY

PUR Foam
2 Component Pump

APPLICATION

Waterstop
Filling Wide Cracks
Filling Wide Joints
Cavity Filling
Soil, Rock Stabilisation
Waterproofing Injection

BENEFIT

Rigid Foam
Fast Reaction
Waterproof
High Foam Ratio
Tough
High Compressive Strength

PRODUCT NAME HydroBloc Polygel 530	TECHNOLOGY Acrylate Gel 1 & 2 Component Pump	APPLICATION Waterstop Curtain Injection Foundation Pit Sealing Joint Sealing Crack Injection Canal, Shaft Repair Tunnel Injection Waterproofing Injection	BENEFIT Setting Between 10s – 120 Minutes Excellent Penetration Controlled Swellability Easy Processing Non Toxic Chemical Resistance Mechanical Resistance
PRODUCT NAME SiliBlend 535.2	TECHNOLOGY Acrylate Additive 2 Component Pump	APPLICATION Waterstop Sheet Pile Wall Slurry Wall Sealing Bored Pile Wall Sealing Cavity Filling Spray Membrane	BENEFIT Swellable Stone Like Material Fast Setting
PRODUCT NAME HydroBloc Polyblend 540	TECHNOLOGY Acrylate Additive 1 & 2 Component Pump	APPLICATION Waterstop Curtain Injection Foundation Pit Sealing Joint Sealing Crack Injection Canal, Shaft Repair Tunnel Injection Waterproofing Injection	BENEFIT Elasticity Tear Resistance Reduced Shrinkage
PRODUCT NAME HydroBloc Rapid 570	TECHNOLOGY Injection Rubber 2 Component Pump	APPLICATION Dilatation Joint Sealing Waterstop Waterproofing Injection Sheet Pile Wall Sealing Slotted Wall Sealing Slurry Wall Sealing Tunnel Injection Flexible Filling, Sealing	BENEFIT Swellable Injection Rubber Tear Tesistance Non Foaming Rapid Reaction Pore Free Structure Single Shot System
PRODUCT NAME HydroBloc Integral 575	TECHNOLOGY PUR Resin 1 Component Pump	APPLICATION Crack Injection Canal, Shaft Repair Feedthrough Sealing Foam Follow Up Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Waterstop Waterproofing Injection Flexible Filling, Sealing	BENEFIT Integral Technology 1 Comp. Resin Ready To Use Swellable Elastic 100% Solid Self Repair Effect

PRODUCT NAME

HydroBloc Injekt 583

TECHNOLOGYAcrylate Resin
1 Component Pump**APPLICATION**Crack Injection
Facade Injection
Canal, Shaft Repair
Feedthrough Sealing
Foam Follow Up
Working Joint Sealing
Honeycomb Concrete Injection
Injection Tube Injection
Waterstop
Waterproofing Injection**BENEFIT**Excellent Penetration
Low Temperature Use <0°C
Swellable
Elastic
Corrosion Prevention
Cleaning With Water
Non Foaming
Solid Resin-No Gel
Suitable For Humidity**PRODUCT NAME**

HydroBloc OM 591

TECHNOLOGYOrgano Mineral Resin
Silicate Resin
2 Component Pump**APPLICATION**Anchor Bonding, Fixing
Tunnel Face Consolidation
Tunnel Umbrella Injection
Tunnel Face Pre-Injection
Soil, Rock Stabilization
Waterstop
Waterproofing Injection**BENEFIT**Excellent Adhesion
Non-Foaming
Shrink-Free
Fast Setting
Early Strength**PRODUCT NAME**

HydroBloc OM 593

TECHNOLOGYOrgano Mineral Foam
Silicate Foam
2 Component Pump**APPLICATION**Anchor Bonding, Fixing
Tunnel Face Consolidation
Tunnel Umbrella Injection
Tunnel Face Pre-Injection
Soil, Rock Stabilization
Waterstop
Waterproofing Injection**BENEFIT**Excellent Adhesion
Shrink-Free
Foam Factor 2-3
Fast Setting
Early Strength**PRODUCT NAME**

HydroBloc OM 597

TECHNOLOGYOrgano Mineral Resin
Silicate Resin
2 Component Pump**APPLICATION**Tunnel Face Consolidation
Tunnel Umbrella Injection
Tunnel Face Pre Injection
Tunnel Consolidation
Soil, Rock Stabilization
Cavity Filling
Coal Mining
Waterstop**BENEFIT**Non-Flammable
Low Reaction Temperature
Shrink-Free**PRODUCT NAME**

SuperStop 615

TECHNOLOGY

Water Solidification

APPLICATIONExtreme Waterstop
Instant Waterstop**BENEFIT**1 Component
Solidifies Water
Instant Reaction
Unique 2 Step Reaction**PRODUCT NAME**

HydroBloc 620 nV

TECHNOLOGYPUR Foam
1 Component Pump**APPLICATION**Waterstop
Foundation Pit Sealing
Crack Injection
Soil, Rock Stabilization
Cavity filling
Waterproofing Injection**BENEFIT**Medium Active
Micro Pore
Adjustable Flexibility

PRODUCT NAME

HydroFlex 621 SuperFlex

TECHNOLOGY

PUR Foam

1 Component Pump

APPLICATION

Crack Injection

Canal, Shaft repair

Waterproofing Injection

Flexible Filling, Sealing

Flexibilized HydroFlex 620

Waterstop

BENEFIT

Additive

Micro Pores

Adjustable Flexibility

PRODUCT NAME

HydroFlex 622

TECHNOLOGY

PUR Foam

1 Component Pump

APPLICATION

Crack Injection

Waterstop

Cavity Filling

Waterproofing Injection

Canal, Shaft Repair

Flexible Filling

BENEFIT

Medium Active

Micro Pores

Flexible

PRODUCT NAME

HydroBloc PU 641-T

TECHNOLOGY

PUR Resin

2 Component Pump

APPLICATION

Tunnel Face Consolidation

Tunnel umbrella injection

Tunnel Face Pre-injection

Soil, Rock Stabilization

Cavity filling

Waterstop

Contact Grouting

Tunnel Consolidation

BENEFIT

Rapid Curing

High Strength

Thixotropic

Excellent Adhesion

Foaming

PRODUCT NAME

HydroBloc PU 641

TECHNOLOGY

PUR Resin

2 Component Pump

APPLICATION

Tunnel Face Consolidation

Tunnel umbrella injection

Tunnel Face Pre-injection

Soil, Rock Stabilization

Cavity filling

Waterstop

Contact Grouting

Tunnel Consolidation

BENEFIT

Rapid Curing

High Strength

Excellent Adhesion

Foaming

PRODUCT NAME

HydroBloc Polygrout 650

TECHNOLOGY

PUR Gel

2 Component Pump

APPLICATION

Curtain injection

Waterstop

Waterproofing Injection

Sheet pile wall Sealing

Slurry wall Sealing

Bored pile wall Sealing

Canal, Shaft Repair

Tunnel Face Consolidation

Tunnel umbrella injection

Soil, Rock Stabilization

BENEFIT

Concentrate

Elastic

Tear Resistant

Swellable

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Polygel PU 660	PUR Gel 2 Component Pump	Curtain injection Waterstop Waterproofing Injection Sheet pile wall Sealing Slurry wall Sealing Bored pile wall Sealing Canal, Shaft Repair Tunnel Face Consolidation Tunnel umbrella injection Soil, Rock Stabilization	Standard 2 Comp. Pump Elastic Tear Resistant Fast Curing Swellable

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silex Waterplug 932.1	Waterstop Mortar	Waterstop Mortar	Setting 2 – 3 Minutes

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Silex Waterplug 932.2	Waterstop Mortar	Waterstop Mortar	Setting 30 – 40 Seconds

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Schaum 1200	PUR Foam 2 Component Pump	Waterproof Injection Cavity Filling Waterstop Soil, Rock Stabilization Tunnel Face Consolidation Tunnel Umbrella Injection Tunnel Face-Pre-Injection	Low Viscous Fast Reaction Good Foaming Capacity Excellent Penetration

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Schaum 1201	PUR Foam 2 Component Pump	Coal Mining Cavity Filling Waterstop Soil, Rock Stabilisation Tunnel Face Consolidation Tunnel Umbrella Injection Tunnel Face-Pre-Injection	Self Extinguishing Low Viscous Fast Reaction Good Foaming Capacity Excellent Penetration

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