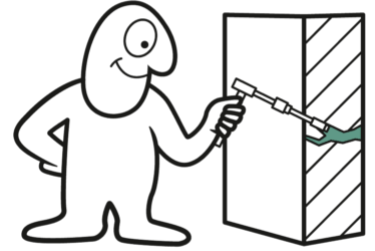


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WATERPROOFING INJECTION

sealing of concrete, masonry, brick, rock and soil



ARCAN provides the biggest possible choice for waterproofing cracks, working joints, rock pockets or honeycombs and many other waterproofing tasks. Our wide range of injection resins from rigid to flexible and even water swellable resins, enable the best choice for a specific sealing problem.

ARCAN swellable resins are a long lasting success, the swellability provides extra security. While rigid resins may fail in case of movements, settlements or under vibrations a swellable resin moves with the building structure because of its natural flexibility and starts growing in case of water contact, this automatic repair effect brings extra security to your project. Integral injection resins are real one-component materials. These ready to use resins are fail safe, most efficient and cost saving. Integral technology save time and money.

ARCAN acrylate resins are no gels! Acrylate resins are 100% comparable to Polyurethane resins. They are suitable for the same type of applications such as crack injection, tube injection, joint sealing or honeycomb sealing. The difference lays in the benefits. Acrylate resins can be used below $< 5^{\circ}\text{C}$, a temperature range where Polyurethane and Epoxy resins stop working. Acrylate resins are much more sustainable than other resins because they do not need cleaning agents to clean equipment and pump. Cleaning with water is sufficient.

Injection resins in this application category are 100% solid and suitable for post-injection after waterstop foams.

WATERPROOFING INJECTION

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

HydroSoil 517

TECHNOLOGY

PUR Resin

1 Component Pump

APPLICATION

Crack Injection

Horizontal Barrier

Internal Strengthening

Soil, Rock Stabilization

Waterproofing Injection

BENEFIT

Low Viscous

Ready To Use

Integral Technology

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

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 AC 555

TECHNOLOGY

Acrylate Resin

1 Comp. Pump

APPLICATION

Crack Injection

Facade Injection

Working Joint Sealing

Honeycomb Concrete Injection

Injection Tube Injection

Contact Grouting

Internal Strengthening

Soil, Rock Stabilization

Waterproofing Injection

Hollow Screed, Tiles

BENEFIT

Low Temperature Use <0°C

Contact Grouting

Cleaning With Water

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

TECHNOLOGY

Acrylate 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

TECHNOLOGY

Organo 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

TECHNOLOGY

Organo 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 620 Integral

TECHNOLOGY

PUR Foam

1 Comp. Pump

APPLICATION

Crack Injection

Working Joint Sealing

Honeycomb Concrete Injection

Injection Tube injection

Waterproofing Injection

BENEFIT

INTEGRAL Technology

1 Component Resin

Ready To Use

Auto Injection

Hydroactive

Excellent Adhesion

PRODUCT NAME

HydroBloc 620 nV

TECHNOLOGY

PUR 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 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

HydroBloc Polygel PU 660

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

Standard 2 Comp. Pump

Elastic

Tear Resistant

Fast Curing

Swellable

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
SiliBond SI 711	Silicate Gel 2 Component Pump	Bottom Sealing Soil, Rock Stabilization Cavity Filling Foundation Pit Sealing Waterproofing Injection Curtain Injection	PH Neutral No Alkalinity No Syneresis Drinking Water Certificate Ecologically Harmless
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

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