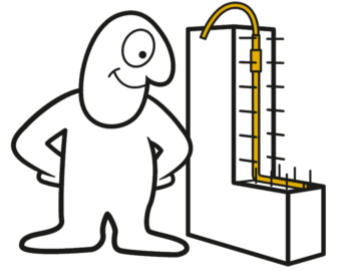


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JOINT SEALING

professional waterproofing of cold joints and dilatation joints with injection resins, injection tubes and water swellable bars



Joints are everywhere and their sealing and secure closing is important. Joint systems are materials to repair joints in tunneling and civil engineering. Cold joints or working joints are treated differently to dilatation or expansion joints. ARCAN joint systems have the right material for all types of joints, regardless of whether it is a sealing problem or the elastic sealing of the joint.

Joints are vulnerable parts of each building. Construction joints don't change their cross-section like movement joints. The choice of material depends on how much water is coming through and if there is a sealing system already in place. If there is an injection hoses available which is not yet been injected or that can be re-injected, the procedure is very simple. Alternatively the use of adhesive membranes which are glued on top of cracks or joints is a proven mean of sealing. The injection of a suitable injection resin is always a good choice and the variety of available resins enables the choice suitable to pump equipment and problem at hand.

Joint sealing is very important in new buildings as well as in renovation. Joint sealing systems are dilatation joint repair and working joint sealing in new buildings as well as repair jobs.

Joints are everywhere and with ARCAN Technology sealed forever.

We offer high-class swellable tapes and membrane sealing with clever glues for all purposes. The swellable mastics complete the portfolio.

ARCAN injection tubes are re-injectable and combine swellable tapes with injection technology.

Injection rubber Rapid 570 for dilatation joint repair is one of our outstanding developments.

JOINT SEALING

PRODUCT NAME ARCAN Fugenabdeckung 90	TECHNOLOGY Metal Sheet	APPLICATION Dilatation Joint Sealing	BENEFIT Injectable Decorative Stainless Steel Movable
PRODUCT NAME HydroFlex Dichtband 275	TECHNOLOGY Sealing Tape (EVA)	APPLICATION Working Joint Sealing Construction Element Dilatation Joint Sealing Crack Sealing Fillet Sealing	BENEFIT Flexible Elastic For Humid Surfaces 4 Bar Waterproof Root Resistant
PRODUCT NAME HydroFlex 275-S	TECHNOLOGY Melting Adhesive	APPLICATION Flexible Connections Between EVA Tapes HydroFlex 275	BENEFIT Flexible Connection
PRODUCT NAME HydroFlex Dichtband 276	TECHNOLOGY Sealing Tape (EPDM)	APPLICATION Working Joint Sealing Construction Element Dilatation Joint Sealing Crack Sealing Fillet Sealing	BENEFIT Flexible Elastic For Humid Surfaces < 5°C Suitable
PRODUCT NAME BentoMastic 307	TECHNOLOGY Bentonite Mastic Swellable	APPLICATION Installation Of BentoFlex Tape Working Joint Sealing Feed Through Sealing	BENEFIT Easy Handling Reliable Sealing Swellable Bentonite
PRODUCT NAME Rokryl 326	TECHNOLOGY PMMA Resin Casting Resin Flexible UV Resistant	APPLICATION Joint, Crack Sealing Working Joints Dilatation Joints On Concrete On Screed	BENEFIT Self-Levelling Elastic UV Resistant No Yellowing Super Adhesion Cures < 0°C Fast Curing
PRODUCT NAME Rokryl 326-Thix	TECHNOLOGY PMMA Resin Casting Resin Flexible UV Resistant	APPLICATION Joint, Crack Sealing Working Joints Dilatation Joints On Concrete On Screed	BENEFIT Thickened – Thixotropic Elastic UV Resistant No Yellowing Super Adhesion Cures < 0°C Fast Curing
PRODUCT NAME Rokryl Injekt 327	TECHNOLOGY PMMA Resin 1 Component Pump Casting	APPLICATION Crack Injection Working Joint Sealing Casting Resin Needling Contact Grouting	BENEFIT Low Viscous Fast Setting Low Temperature Use <5°C UV Stable

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroSeal 355	PUR Mastic Swellable	Installation Of Swellable Rubber Tape Working Joint Sealing Construction Joint Sealing Double Wall Sealing Feedthrough Sealing	Easy Handling Reliable Sealing Swellable PUR
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HYBRIDUR 357	Hybrid Mastic Non Swellable	Joint, Crack Sealing Working Joint Sealing Dilatation Joint Sealing Flexible Filling, Sealing	Easy Handling No Primer Required Humid Surfaces Stable
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
Injektion 402	Injection Tube Single Injection	Working Joint Sealing Construction Joint Sealing Double Wall Sealing Feedthrough Sealing	Single Injection Protective Coating Easy Application Millions Of Pores
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
ProInjekt 403	Injection Tube Multiple Injection	Working Joint Sealing Construction Joint Sealing Double Wall Sealing Feedthrough Sealing	Re-Injectable Multipler Injection Waterproofness Test
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Quellschlauch 405	Injection Tube Swellable Tape Water Bar	Working Joint Sealing Construction Joint Sealing Double Wall Sealing Feedthrough Sealing	2 Systems In One Step Applied Swellable Injectable
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroColl 430	Adhesive Glue For Swellable Rubber Tapes	Installation Of HydroTape Rubber Swellable Tapes Working Joint Sealing	Sticks On Wet Surfaces
PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc PU 500	PUR Resin 1 Component Pump	Crack Injection Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Waterstop Flexible Filling, Sealing Foam Follow Up Waterproofing Injection	Swellable Elastic Self-Repair Effect

PRODUCT NAME

HydroBloc Quellschaum 500-15

TECHNOLOGYSwellable 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

TECHNOLOGYPUR 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

TECHNOLOGYPUR 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 516

TECHNOLOGYPUR 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

TECHNOLOGYAcrylate 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

TECHNOLOGYAcrylate 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	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc AC 555	Acrylate Resin 1 Comp. Pump	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	Low Temperature Use <0°C Contact Grouting Cleaning With Water

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Rapid 570	Injection Rubber 2 Component Pump	Dilatation Joint Sealing Waterstop Waterproofing Injection Sheet Pile Wall Sealing Slotted Wall Sealing Slurry Wall Sealing Tunnel Injection Flexible Filling, Sealing	Swellable Injection Rubber Tear Tesistance Non Foaming Rapid Reaction Pore Free Structure Single Shot System

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Integral 575	PUR Resin 1 Component Pump	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	Integral Technology 1 Comp. Resin Ready To Use Swellable Elastic 100% Solid Self Repair Effect

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Injekt 583	Acrylate Resin 1 Component Pump	Crack Injection Facade Injection Canal, Shaft Repair Feedthrough Sealing Foam Follow Up Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Waterstop Waterproofing Injection	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	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc 600 Integral	PUR Resin 1 Comp. Pump	Crack Injection Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Flexible Filling, Sealing	Integral Technology 1 Component Resin Ready To Use Excellent Adhesion Flexible Hydroactive Self Injection

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 Silox EP 800	TECHNOLOGY Epoxy Resin 1 Component Pump	APPLICATION Crack Injection Working Joint Sealing Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening Concrete Repair	BENEFIT Low Viscous Super Penetration Solvent Free Damp Surfaces Adhesion To Metal
PRODUCT NAME Silipox Baukleber 826	TECHNOLOGY Epoxy Adhesiv	APPLICATION Installation HydroFlex 275 Tape – EVA Working Joint Sealing Joint, Crack Sealing Adesives	BENEFIT Wet Surfaces Easy To Handle
PRODUCT NAME Silox EP 840	TECHNOLOGY Epoxy Resin 1 Component Pump	APPLICATION Working Joint Sealing Crack Injection Honeycomb Concrete Injection Injection Tube Injection Contact Grouting Internal Strengthening	BENEFIT Low Viscous Solvent Free Super Penetration
PRODUCT NAME BentoFlex Quellfugenband	TECHNOLOGY Swellable Bentonite Tape	APPLICATION Working Joint Sealing Construction Joint Precast Eelements Feedthrough Sealing	BENEFIT Flexible Easy Installation
PRODUCT NAME HydroTape Quellfugenband	TECHNOLOGY Swellable Rubber Tape	APPLICATION Working Joint Sealing Construction Joint Sealing Precast Elements Feedthrough Sealing	BENEFIT Reversible Swelling Flexible Form Stable Swellable In Salt Water Swellable In Aqueous Substances

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