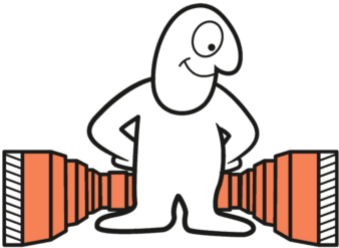


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FOUNDATION PIT SEALING

wall and bottom sealing against water seepage and water intrush in sheet pile-, slotted-, bored pile- or slurry wall



Damaged sheet pile locks are often the cause for heavy water intrushes into pits. ARCAN single shot systems are unbeatable easy and durable, the highly elastic rubber stops and seals with just one resin instead of a combination of foam and resin. Rapid is just one of our problem-solvers, and is representative for a number of clever solutions you find below. Seepages, leakages or heavy intrushes in slotted walls and or bored pile walls can be treated with our fast setting, swellable and durable injection systems. The common manufacturing process of bottom sealing with sodium aluminate, cause serious contamination of the groundwater, due to the high PH value. Our bottom sealing gel named SiliBond SI 711 is environmentally friendly and neutral and does not harm the ground water.

FOUNDATION PIT SEALING

PRODUCT NAME	TECHNOLOGY	APPLICATION	BENEFIT
HydroBloc Quellschaum 500-15	Swellable Elastic Foam 2 Component Pump	Dilatation Joint Sealing Waterproofing Injection Waterstop Sheet Pile Wall Sealing Slurry wall sealing Cavity Filling Flexible Filling, Sealing	Single Shot Systems Flexible Swellable No Pores No Shrinkage

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 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 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 SiliBond SI 711	TECHNOLOGY Silicate Gel 2 Component Pump	APPLICATION Bottom Sealing Soil, Rock Stabilization Cavity Filling Foundation Pit Sealing Waterproofing Injection Curtain Injection	BENEFIT PH Neutral No Alkalinity No Syneresis Drinking Water Certificate Ecologically Harmless
PRODUCT NAME SiliBond Si 714 reactive	TECHNOLOGY Silicate Gel 1 & 2 Component Pump	APPLICATION Soil Stabilization Curtain Injection Tunnel Face Pre-Injection Tunnel Umbrella Injection Ground Stabilisation Foundation Pit Sealing Bottom Sealing	BENEFIT Low Viscosity No Shrinking Rigid Waterproofing Stone Like Material Strengthening

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