

De Neef® Injection Materials

Leaks Stop Here

Fast. Proven. Durable.



gcp applied technologies



One and Two Component Resins High Water Flows / Leak Sealing

HA Cut AF

One Component Rigid Closed Cell Polyurethane Injection Resin

Benefits

- Durable rigid closed cell foam
- High hydrostatic pressure/ high flow rate leaks
- Fast reacting: adjustable reaction times from 45 seconds to 20 minutes
- Extra fast and super extra fast accelerators available
- Hydrophobic: no dilution or losses
- Low viscosity
- Up to 30 V expansion
- Can be used with inert fillers
- Combi-Grout/ Combi-Block (contact your De Neef® representative)

HA Cut CFL AF

One Component Semi-flexible Closed Cell Polyurethane Injection Resin

Benefits

- Durable semi-flexible closed cell foam
- High hydrostatic pressure/ high flow rate leaks
- Fast reacting: adjustable setting times from 45 seconds to 20 minutes
- Extra fast and super extra fast accelerators available
- Hydrophobic: no dilution or losses
- Low viscosity
- Up to 25 V expansion
- Can be used with inert fillers

Deneblock UF

Two Component Ultra-Fast, Non Foaming Polyurethane Water Blocker

Benefits

- Ultra-fast water blocker for large leaks
- 10-20 seconds initial cure
- Void filling in the presence of large water flows
- 1/1 ratio for easy pumping, requires 2-component pump
- Low expansion, safe to inject in large quantities and in voids
- Hydrophobic: no dilution or losses

Rockstab WX SG

Two Component Fast Reacting Low Expansion Rigid Injection Resin

Benefits

- Very fast reaction, reaction ends in 50 seconds
- Non-foaming in dry conditions, up to 10V expansion in water
- High compressive strength, more than 50 MPa
- No dilution or losses when injecting against pressing water



One and Two Component Resins

Crack and Joint Injections

HA Flex LV/SLV AF

One Component Hydrophobic Flexible Closed Cell Polyurethane Injection Resins

Benefits

- HA Flex LV AF is CE-marked according to EN1504-5
- Durable flexible closed cell foam
- Filling and repairing joints and cracks in concrete constructions which are subject to movement
- Tunnel segment leak sealing injections
- Hydrophobic: no dilution or losses due to water inflow
- Adjustable reaction times: 2 to 17 minutes
- 12 V to 20 V expansion

Crack size

HA Flex LV AF > 0.5 mm

HA Flex SLV AF < 0.5 mm



HA Safefoam NF

Hydrophilic MDI Based Polyurethane Injection Resin

Benefits

- Sealing of leaking dynamic non-structural cracks
- Expansion joint injections behind the waterstop
- Sealing pipe joints and inspection shafts
- Safe for polyurethane masonry waterproofing injections
- 4 V expansion
- TDI free hydrophilic resin

Elastopack 201

Two Component, Low Viscosity, Hydrophobic, Flexible, Non Foaming Polyurethane Injection Resin

Benefits

- Sealing dynamic and static cracks in concrete and masonry
- Sealing dry and moist cracks in concrete and masonry
- Injected as a 1-component resin after mixing 2-components in a 2:1 volumetric ratio
- Long pot life

The De Neef® product portfolio offers a large range of injection equipment, geo-grouting Tube-A-Manchettes, strainer pipes and accessories for all types of injection works. Besides 1- and 2-component pumps, a large number of packers and connectors are available to suite all possible injection works.



Two Component Acrylate Resins

Curtain Injections

Gelacryl Superflex

2-component acrylic based injection system for curtain injections and injections of high cracked or honeycombed concrete

Benefits

- Ultra low viscosity
- Penetrates cracks of 0.1 mm
- Up to 300% elongation
- Up to 150 % after swell in wet conditions
- Excellent adhesion to concrete
- No expansion, safe for masonry structures
- 1:1 injection ratio
- Acrylamide free

Gelacryl Superflex AR

2-component reinforced acrylic based injection system for curtain injections and injections of high cracked or honeycombed concrete

Benefits

- Gelacryl Superflex AR is CE-marked according to EN1504-5
- Ultra low viscosity
- Penetrates cracks of 0.1 mm
- Up to 300% elongation
- Up to 150 % after swell in wet conditions
- Excellent adhesion to concrete
- No expansion, safe for masonry structures
- 1:1 injection ratio
- Acrylamide free





One and Two Component Injection Resins

Soil Injections and Geogrouting

HA Soil AF

One Component Polyurethane Injection Resin

Benefits

- Ultra low viscosity for improved permeation
- Adjustable reaction times from 2 to 40 minutes
- Applicable in wet conditions and moving water
- Hydrophobic: no dilution or losses due to water inflow
- One resin for stabilisation, consolidation, coagulation
- High strength cured properties
- Injected through Tube-A-Manchettes or strainer pipes
- 1-3 V expansion

Rockstab 1.2/1.3/1.4

High strength, rigid, fast curing polyurethane resins

Benefits

- Rock consolidation
- Grouting of injection anchors
- Fixing of rock bolts
- Injections into rough sands and gravel
- Filling of large voids/cracks/crevasses
- Fast reacting
- High strength

Rockstab	Expansion (dry) V	Compressive strength (MPa)
1.2	15 V	Approx. 15
1.3	3 V	Approx. 30
1.4	1 V	Approx. 60

Organosol 550 DT

Non foaming organo-mineral injection resin

Benefits

- Fast reacting
- Water tolerant
- Excellent adhesion to strata
- Low reaction temperature
- Improving load bearing capacities of loose soils
- Bonding and consolidating strata
- Anchoring self-drilling anchors and cable heads
- Umbrella injections

Organosol XP/XP FR

High expansion organo-mineral injection resin

Benefits

- Organosol XP FR is M1 fire rated
- 30-35 V expansion
- Coagulation of loose soils
- Umbrella injections
- Tunnels: void filling, consolidation of fragmented rock, pre-injections
- Low polymerisation temperature



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