



DE NEEF INJECTION RESIN SELECTOR

Polyurethane leak-sealing resins by GCP Applied Technologies, at Altitude Construction Supply

DE NEEF®
LEAKS STOP HERE

Resin	Best for (GCP TB-0055 and data sheets)	Cracks	Cured foam	Catalyst and reaction	Viscosity	At Altitude
HYDROPHOBIC, FLEXIBLE: MOVING CRACKS AND JOINTS						
Flex SLV PURE Ultra-low viscosity hydrophobic polyurethane	Hairline leaking cracks; INJECTO grout tubes	0.02" and narrower	Tough, flexible closed-cell foam; up to 18x free	Flex Cat PURE 2-5% (about 4'30" / 2'20" at 77°F)	200 cps	5 gal pail
Flex LV PURE Low viscosity hydrophobic polyurethane	Leaking cracks; moving and non-moving joints, above or below grade	0.02" and wider	Flexible gasket, 100% elongation; up to 18x free	Flex Cat PURE 1-5% (9'00" / 5'35" / 2'10" at 77°F)	550 cps	5 gal pail
HYDROPHOBIC: WATER CUT-OFF, VOIDS AND STATIC CRACKS						
CFL PURE Single-component hydrophobic polyurethane	Static cracks, gushing water, differential movement, voids, barrier wall grouting	Cracks and voids	Tough foam with some flexibility; up to 20x free	Flex Cat PURE 1-3% (6'00" / 3'00" at 68°F)	350 cps	5 gal pail; Pipe Plug Kit
Cut PURE Hydrophobic polyurethane, rigid	Gushing water, large-volume leaks, voids, soil and gravel stabilization, curtain grouting	Wide cracks, fissures, voids	Rigid closed-cell foam; up to 30x free	Cut Cat PURE, Fast or Extra Fast at 10% (2'05" / 1'20" / 1'05" at 77°F)	180 cps	5 gal pail; HOT SHOT cartridge
HYDROPHILIC: CONTINUOUSLY WET CONDITIONS						
Sealfoam PURE Hydrophilic polyurethane, MDI based (no TDI, no solvent)	Moving non-structural cracks: neat in wet cracks, 1:1 with water in dry cracks	Moving cracks	Flexible closed-cell foam; about 4x-5x with water	None: reacts with water	280 cps	5 gal pail; 10 oz cartridge

Every pump job also needs: injection packers with check valves (1/2" or 5/8" mechanical, or high-pressure), the catalyst, and De Neef Washing Agent to flush the pump before and after injection and every 1 to 2 hours (never water in the grout pump). Drill 1/2" or 5/8" holes at 45° from alternating sides of the crack, set back half the wall thickness; closer spacing for narrower cracks; inject from the lowest packer up (TB-0055). Catalyze only what you can use in 1 to 2 hours. Store resins at 40°F to 90°F; cold raises viscosity. Typical values from GCP's current US data sheets; confirm with the current data sheet, SDS and TB-0055 before use. Questions? Call Altitude at (303) 482-1010.