



SikaFix[®] HH+, HH LV, HH Hydrophilic EXPANDING, POLYURETHANE CHEMICAL GROUT

All available in:
Pail
5 gallons



HH LV also available in:
Container
1 pint



BUILDING TRUST



SikaFix® HH+, HH LV, HH HYDROPHILIC

EXPANDING, POLYURETHANE CHEMICAL GROUT

APPLICATIONS

SikaFix® HH+

- Fill joints or cracks in concrete structures that exhibit some movement
- Fill voids such as rock fissures, crushed fault or gravel layers
- May be used with high pressure water flow
- Curtain wall grouting below grade structures
- Use in conjunction with SikaFix Accelerator (sold separately)

SikaFix® HH LV

- Sealing leaks through concrete cracks and joints
- Defective concrete (cracked and honeycombed)
- Limestone (tunnels, dams)
- Pipe intrusions
- Wastewater tanks
- Sewers, manholes, utility boxes, etc.

SikaFix® HH Hydrophilic

- Sealing leaks through concrete cracks and joints
- Saturating backer rod to seal joints by the gasket method

BENEFITS

SikaFix HH +

- Easy to apply, one component with accelerator
- Hydrophobic, only a small amount of water needed
- Expands up to 30 times the liquid volume
- Non-flammable and non-toxic formulation
- Contains no volatile solvents

SikaFix HH LV

- Easy to apply, one component with accelerator
- Hydrophobic, only a small amount of water needed
- Expands up to 30 times in volume
- Low viscosity lets injection into narrow hair line cracks
- Excellent elongation creates tight seal in moving cracks
- Tenacious adhesion to wet and dry surfaces
- ANSI/NSF 61 water potable compliant

SikaFix®HH Hydrophilic

- Contains no volatile solvents
- Non-flammable and non-corrosive
- Free Foam expands to 6 times it's liquid volume
- High elongation creates tight seal in moving cracks

HYDROPHOBIC VS. HYDROPHILIC

- | | |
|---|--|
| <ul style="list-style-type: none"> ▪ Reacts with water ▪ Absorbs very little water ▪ Cured material free of water ▪ Very low post cure shrinkage ▪ Seal moving cracks above and below grade ▪ Controlled reaction by adding accelerator | <ul style="list-style-type: none"> ▪ Incorporates water into chemical structure ▪ Water can evaporate in dry environments causing cured material to shrink ▪ Product can shrink and swell depending on absorption or evaporation of water ▪ Seals moving cracks in continuously wet environments |
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LITERATURE

- Product Data Sheet
 - Safety Data Sheet
 - Specification Component
- *Always refer to Current Product Data Sheet and SDS for detailed performance specifications prior to use.

KEY DATA	HH+	HH LV	HH HYDROPHILIC
SOLIDS	100 %	100 %	100 %
VISCOSITY	700 cps @ 74 °F ASTM D-1638	500 cps @ 74 °F ASTM D-1638	650 cps @ 74 °F ASTM D-1638
FLASHPOINT	> 200 °F ASTM D-93	> 200 °F ASTM D-93	> 200 °F
TENSILE STRENGTH	29 psi ASTM D-638	29 psi ASTM D-638	170 psi (Cured) ASTM D-638
ELONGATION	44 % ASTM D-412	44 % ASTM D-638	400 % (Cured) ASTM D-638
ABSORPTION	< 1 % ASTM D-2842	< 1 %	
SHRINKAGE	< 1 %	< 1 %	< 1 %



Note: 1) Advice on specific applications is available from the Technical Service Department of Sika Construction Products Division.
2) See Product Data Sheet and Warranty Guidelines for more information.

FOR MORE INFORMATION:

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