Sikadur® 31, Hi-Mod Gel

High-modulus, high-strength, structural epoxy paste adhesive

Description
Sikadur 31, Hi-Mod Gel, is a 2-component, 100% solids, moisture-tolerant, high-modulus, high-strength, structural epoxy paste adhesive. It conforms to the current ASTM C-881 and AASHTO M-235 specifications.

Where to Use
- Structural bonding of concrete, masonry, metals, wood, etc., to a maximum glue line of 1/8 in. (3mm).
- Grout bolts, dowels, pins, vertical and overhead, etc.
- Seals cracks and around injection ports prior to pressure-injection grouting.
- Interior, vertical and overhead repair of concrete as an epoxy mortar binder.
- As a pick-proof sealant around windows, doors, lock-ups, etc., inside correctional facilities.

Advantages
- Tolerant of moisture before, during and after cure.
- High-modulus, high-strength, structural paste adhesive.
- Excellent adhesion to concrete, masonry, metals, wood and most structural materials.
- Paste consistency ideal for vertical and overhead applications.
- Fast-setting and strength-producing adhesive.
- Convenient easy mix ratio A:B = 2:1 by volume.

Sikadur® 35, Hi-Mod LV

High-modulus, low-viscosity, high-strength epoxy grouting/sealing/binding adhesive

Description
Sikadur 35, Hi-Mod LV is a 2-component, 100% solids, moisture-tolerant, low-viscosity, high-strength, multi-purpose, epoxy resin adhesive. It conforms to the current ASTM C-881 and AASHTO M-235 specifications.

Where to use
- Pressure-injection of cracks in structural concrete, masonry, wood, etc.
- Grouting bolts, dowels, pins, etc.
- Gravity-feed of cracks in horizontal concrete and masonry.
- Epoxy resin binder for epoxy mortar patching and overlay of interior, horizontal surfaces.
- Seal interior slabs and exterior above-grade slabs from water, chlorides and mild chemical attack; also improves wearability.

Advantages
- Super low viscosity.
- Convenient easy mix ratio A:B = 2:1 by volume.
- Unique, high-strength, structural adhesive for “can’t dry” surfaces.
- Deep penetrating and tenacious bonding of cracks in structural concrete.
- High-early-strength developing adhesive.
- Excellent chemical resistance for flooring systems.

Sikadur® 32, Hi-Mod

High-modulus, high-strength, epoxy bonding/grouting adhesive

Description
Sikadur 32, Hi-Mod, is a multi-purpose, 2-component, 100% solids, moisture-tolerant structural epoxy adhesive. It conforms to the current ASTM C-881 and AASHTO M-235 specifications.

Where to Use
- Bond fresh, plastic concrete to hardened concrete and steel.
- Grout bolts, dowels, pins, etc.
- Grout horizontal cracks in structural concrete and wood by gravity feed.
- Machinery and “robotic” base-plate grout.
- Structural adhesive for concrete, masonry, metal, wood, etc.

Advantages
- Super-strength bonding/grouting adhesive.
- Tolerant to moisture before, during and after cure.
- Excellent adhesion to most structural materials.
- Convenient easy-to-mix ratio A:B = 1:1 by volume.
- Easy-to-use for bonding/grouting applications.
- Fast initial set; rapid gain to ultimate strengths.
- USDA-certifiable for use in food plants.

Sikadur® 42, Grout-Pak

Pre-proportioned, epoxy, baseplate grouting system

Description
Sikadur 42, Grout-Pak is a 3-component, 100% solids, moisture-tolerant, epoxy baseplate grouting system.

Where to Use
- Precision seating of baseplates.
- Grouting under equipment, including heavy impact and vibratory machinery, reciprocating engines, compressors, pumps, presses, etc.
- Grouting under crane rails.
- Grouting for “pour-back” anchorage on post tensioning projects (e.g. segmental bridge).

Advantages
- Ready to mix, pre-proportioned kit.
- Moisture-tolerant.
- Non-shrink / Self-leveling.
- Corrosion and impact resistant.
- Stress and chemical resistant.
- Low heat development.
- High compressive strength.
- Long working time.
- High vibration resistance / Fast strength gain.
- Low peak exothermic system for large pours.
- Minimal shrinkage/expansion.
- High effective bearing area.
- Excellent flowability.
- USDA certifiable.

Packaging
0.5 cu. ft. kit: contains 0.9 gallons epoxy (Component “A” and Component “B”) in a 5 gallon pail, separated with a topliner; and 50 lb.... aggregate (Component “C”) in a multi-wall bag.