Sikadur 32, Hi-Mod

Application Instructions
Sikadur 32, Hi-Mod

- Structural epoxy adhesive
- Multi-purpose
- Two-component
- 100% solids
- Moisture-tolerant

Sika Corporation
Sikadur 32, Hi-Mod

▲ Where to use:

- Bonding fresh, plastic concrete to hardened concrete and steel
- Grout horizontal cracks in structural concrete and wood by gravity feed
- Machinery and ‘robotic’ base-plate grout
- As a structural adhesive for:
  - Concrete
  - Masonry
  - Metal
  - Wood
Sikadur 32, Hi-Mod

▲ Packaging:
- 1, 2 and 4 gal. units

▲ Coverage:
- **Bonding Adhesive**
  - 1 gal. covers approx 80 ft² on smooth surface.
- **Base Plate Grout**
  - 1 gal. yields approx 420 in³ of grout.
- **Anchoring Grout**
  - 1 gal. yields approx 231 in³ of grout.
Surface Preparation

- Surface must be clean and sound.
- Surface can be either dry or damp, but free of standing water.
- Remove dust, laitance, grease, curing compounds, impregnations, waxes and any other contaminants before application.
Surface Preparation

Concrete:

- Surface should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means.
Steel Preparation

Steel

- Steel should be cleaned and prepared thoroughly by blast cleaning.
Tools Required

- ½” drill motor
- Low speed drill (400-600 rpm)
- Drill and paddle for mixing
- Spatula
Mixing

▲ Proportion equal parts by volume of Component A and B into clean pail

▲ Mix thoroughly for 3 minutes with Sika paddle on low-speed (400-600 rpm) drill until uniform in color

▲ Mix only that quantity that can be used within pot life
Application

▲ Bond fresh concrete to hardened concrete

• Apply by brush, roller, broom or spray.
• While Sikadur 32, Hi-Mod is still tacky, place fresh concrete on it.
• Recoat with additional Sikadur 32 Hi-Mod, if the coating becomes glossy or loses tackiness.
Application

To grout base plates

- Add 1 ½ parts of oven-dried aggregate to 1 part of mixed Sikadur 32, Hi-Mod.
- Place grout under base plate and avoid contact with the underside of the plate.
- A ¼ to 3/8 in. space should remain between the top of the grout and the bottom of the plate.
Application

▲ To grout base plates
- Maximum thickness of grout per lift is 1.5 in. (38 mm)
- If multiple lifts are needed, allow preceding layer to cool to touch before applying additional layer.
- The remaining 1/4 to 3/8 in. space should be filled with neat Sikadur 32 Hi-Mod. The level should rise slightly higher than the underside of the bearing plate.
Application

▲ To gravity feed cracks

- Pour neat material into V-notched crack.
- Continue placement until completely filled.
- Seal underside of slab prior to filling if cracks reflects through.
Precaution

- Avoid skin and eye contact
- Wear
  - chemical resistant gloves
  - goggles
- Ventilate area
- Dispose of in accordance with local, state and federal regulations
- Uncured material can be removed with approved solvent
- Follow manufacturer’s warnings and instructions for use
Sikadur 32, Hi-Mod

Sika Product Data Sheets can be obtained via:

http://usa.sika.com

Refer to data sheets for specific information on each Sika product.