



**Construction**

# **Sikadur 55 SLV**

## **Application Instructions**



**Sika Corporation**

# Sikadur 55 SLV

- ▲ Epoxy crack healer and penetrating sealer
- ▲ Fast tack-free time
- ▲ 100% solids
- ▲ Super low-viscosity
- ▲ Moisture-tolerant
- ▲ High-strength
- ▲ Two-component



# Sikadur 55 SLV

## ▲ Where to use:

- Structurally repairing cracked concrete
- Interior and above-grade slabs
- Elevated horizontal decks, parking garages and other structures exposed to foot and pneumatic tire traffic



## Sikadur 55 SLV

### ▲ Packaging:

- 3 gal. units (2 gal. 'A' + 1 gal. 'B')

### ▲ Coverage:

- 1 gal. yields 231 in<sup>3</sup>



## Surface Preparation

- ▲ Surface must be clean and sound.
- ▲ Remove dust, laitance, grease, curing compounds, impregnations, waxes and any other contaminants by mechanical means before application
- ▲ Substrate should be dry for best results
- ▲ Surfaces prepared by Low Pressure Water Cleaning or High Pressure Water Jetting methods should be allowed to dry for 24 hrs. minimum

## Tools Required

- ▲ 1/2" drill motor
- ▲ Low speed drill (400-600 rpm)
- ▲ Drill and paddle for mixing
- ▲ Spatula



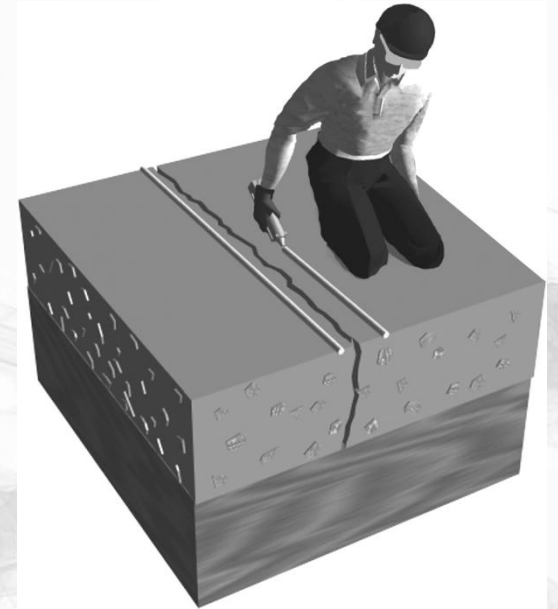
## Mixing

- ▲ Mix 1 part Component 'B' to 2 parts Component 'A' by volume into a clean pail
- ▲ Mix thoroughly for 3 minutes with Sika paddle on low-speed (400-600 rpm) drill until uniformly blended
- ▲ Mix only that quantity that can be used within pot life



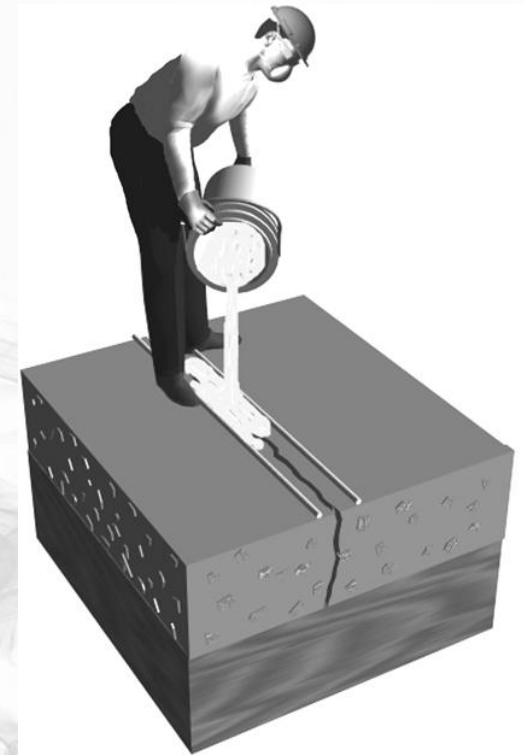
## Application

- ▲ **To gravity feed into cracks:**
  - Sikadur 55 SLV is applied to horizontal surfaces by flat squeegee or broom.
  - Spread material over area and allow to pond over cracks.
  - Let material penetrate into cracks and substrate.
  - Remove excess epoxy with roller leaving no visible surface film.
  - For cracks greater than 1/8 in. (3 mm) wide, fill crack with oven-dried sand before applying Sikadur 55 SLV.
  - Seal cracks from underside, when accessible, to prevent leakage.



## Application

- ▲ **To gravity feed into cracks:**
  - A second treatment may be required on very porous substrates.
  - Apply second treatment before broadcasting
  - After treatment, wait at least 20 minutes at 73°F (23°C).
  - Cover with broadcast of an oven-dried 20/40 silica sand or similar sand.
  - Distribute evenly over the surface to excess at a rate of 30-40 lbs./100 sq. ft.
  - Allow to cure 6 hours minimum at 73°F (23°C).
  - Remove any loose sand and open to traffic once epoxy has cured.



## Application

- ▲ **To pressure-inject cracks**
  - Use automated injection equipment or manual method.
  - Set appropriate injection ports based on system used.
  - Seal ports and cracks with Sikadur 31, Hi-Mod Gel, Sikadur Injection Gel or Sikadur AnchorFix-3/4
  - When the epoxy adhesive has cured, inject Sikadur 55 SLV with steady pressure



**Sika Corporation**

## 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 55 SLV

Sika Product Data Sheets can be obtained via:

<http://usa.sika.com>

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

