

# CIS PU 145

MOISTURE CURED POLYURETHANE ELASTOMERIC JOINT SEALANT

PRODUCT CATEGORY: POLYURETHANE SELENT

## PRODUCT DISCRIPTION

CIS PU 145 is a single component, Moisture cured Polyurethane elastomeric sealant, which resists crack arising out of movements of joint materials. It conforms to EN 14187-S 2003, BS 5212, ASTM C-920, ISO-11600

## APPLICATION

- For all types of construction joints both Horizontal and Vertical.
- Runways.
- Roads.
- Bridge decks.
- Docks and harbors.
- Civil structures including building – residential, commercial and industrial and prefabricated constructional panels.
- Can be used for joints of concrete, metal and glass.

## ADVANTAGES

- Single component ready to use.
- Excellent adhesion to most of the building materials.
- Good weathering and ageing properties.
- Excellent workability.
- Can be paintable.
- Fuel Resistant.
- Non-staining. Bubble free curing.
- Resistant to water, dilute caustic solution & acid, saline water, oil, etc.

## APPLICATION METHODOLOGY

### SURFACE PREPARATION

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Concrete surface must be dry and stable at least for 28 days.
- Ensure that the moisture content in the prepared surface does not exceed 5% immediately before application of ShaliSeal® PU.



# CIS PU 145

MOISTURE CURED POLYURETHANE ELASTOMERIC JOINT SEALANT

PRODUCT CATEGORY: POLYURETHENE SELENT

- To avoid adhesion of spill-over material beside joint, use masking tape at floor level beside both sides to get sharp edged neat and clean joint.
- Use back up material to avoid third face adhesion and to avoid contact between joint forming board & sealant.
- Use primer on vertical side faces of the joint to ensure strong bonding between substrate and sealant.

## APPLICATION OF MATERIAL

- Use Extruded polyethylene rod of diameter of 25% more of the width at the base as separation layer, construction & control joints as back up material to avoid 3-face adhesion and to avoid contact between joint forming board & sealant.
- Prime the surface with CIS PU 145 @ 7 m<sup>2</sup> / L in case of concrete surface and 10 m<sup>2</sup> / L in case of metal surface.
- After primer is surface dry and noticeable surface tack is generated, apply CIS PU 145 from the gun slowly and fill. Smooth out with soapy water by pressing the mastic against the edges and the joint.
- Remove protection strip. Cleaning & Maintenance Clean the equipment with solvent like Xylene, Toluene. Scrap off cured sealant on the equipment. Health & Safety
- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting. Packing Available in 600 ml sausage. Storage Keep in cool dry place, under the shed, away from heat and humidity. Store in proper ventilated room and temperature should be between 10 - 25°C. Shelf Life 12 months in original unopened sealed condition.

## PACKAGING

200 ml Sausage