

# ShaliSulfide CT

Two Component Coal Tar Poly Sulphide System



## Description

**ShaliSulfide CT** is a high performance, self-levelling chemical resistant elastomeric, two component joint sealant system with special coal tar pitch as one of its ingredient. It conforms to MIL-TT-S-0022, Type-I, ASTM & ANSI A116.1 & BS 5212. Due to its high polysulphide polymer content, it is resistant to many chemicals, shrinkage, ageing, thermal stress and the effects of outdoor exposure. Coal tar pitch, being one of the ingredients, **ShaliSulfide CT** provides resistance to root growth and corrosive elements.

## Characteristics

Mixing Ratio	10:1	Colour	Tan Grey / Black
Mixing Time	3 – 5 Minutes	Tensile Strength	90 – 110 PSI
Pot Life	30 minutes	Elongation, %, min	220
Joint Movement, %	± 25	Drying Time	1.50 – 3.0 Hrs 7 days
Volume Solid, %	83	• Surface Dry • Hard Dry	

## Application

- Construction joint sealing
- Runway sealants
- Bridge deck sealing
- Building sealants for horizontal joints.

## Advantages

- Easy to apply due to self-levelling properties.
- Retains elasticity even as concrete moves; maintains flexibility over time.
- Resists mild acids, alkalis & petroleum products
- Resists effects of sunlight, rain, snow, ozone, aging, shrinkage and cyclic temperature changes, even after years of service.
- Anti Corrosive and prevents root growth

## Application Methodology

- New concrete should be cured before 30 days of application. Dirt, dust and foreign material should be cleaned before application Surface profile should be CSP-3 to CSP-5 standard. Surface should be prepared mechanically to achieve these profiles
- Do not thin with solvents unless advised to do so by the manufacturer
- Confirm product performance in specific chemical environment prior to use.
- For industrial / commercial use, installation by trained personnel only.
- **ShaliSulfide CT** does not need primer for concrete smaller joints. Joints with more than 1” width should be primed with ShaliPrime C. Primer is recommended for joints subjected to hydrostatic pressure, submersed / underwater.
- All sloping joints should be taped.

- A baker rod / bond breaker tape should be installed into the joints with 25% compression.
- Component B should be added to Component A and mixed @ 250-300 rpm speed with a ½” drill and a mixing paddle until the material is complete blended. Thorough mixing is necessary for effective performance of the compound. Mixing time is 3-5 minutes.
- The tapes should be removed before curing of the compound.

### **Health & Safety**

- Use goggles and hand gloves during application
- Clean hands with warm soap water after application

### **Packing**

Unit Pack – 5 Kgs Component A and 0.5 Kg of Component B

### **Storage**

Keep in cool and dry place under shed away from heat