

# ShaliSeal® CSS A

3K Solvent Free Acrylate Based Coloured Slurry Seal



STP Limited

## Description

**ShaliSeal® CSS A** is a three component, cold applied, flexible, skid resistance, tough and durable polymeric coating for both asphalt and concrete road.

**ShaliSeal® CSS A** is available in factory pre-weighed kit and is available in different colours to meet specific purpose.

## Characteristics

Application	Trowel / Squeeze	VOC contents	Nil
Hardening Time, hrs. #	1.0 - 1.5	Application Temperature, °C	10 - 40
Pot Life, Min, at 30°C	10	Hardness, Shore D	50 - 70
Solids, % by volume	100	Curing Time, days at 30°C	1
Open to traffic time, hrs. #	3 - 4	Petrol / Diesel Resistance	Excellent
Colour	Any	UV Resistance	Excellent
		Theoretical Coverage, kg / m <sup>2</sup> , 1 mm DFT *	2.5

# depending upon weather condition.

\* Depending upon surface condition.

## Application

- Parking bays.
- Highway road signaling.
- Bus lanes, Cycle tracks.
- Sports venues and stadium tracks.
- Walkways / pathways.
- Aesthetic application and landscaping.
- Tunnel road.

## Advantages

- Solvent / VOC free product.
- Good friction / skid resistance.
- Tough and Durable.
- Excellent UV / ageing resistance.
- Rapid cure. Can open traffic fast.
- Cold pour and ready to use. Does not require any heating.
- Excellent resistance to chemical / salt water / crude oil, acids / alkalis.
- Compatible with both concrete and bituminous pavement.

## Application Methodology

### ➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air.
- Ensure that
  - The surface is structurally sound and completely dry.
  - In case of new concrete road, concrete is at least 28 days old and completely moisture free.
  - Surface temperature must be above dew point at the time of application.
  - Ambient temperature is not less than 10°C and not more than 40°C at the time of application.
  - There is no standing water in the area to be repaired or in the area of application.

- Fill cracks / deteriorated surface with **ShaliPatch® EC**.
- **Material Preparation**
  - Stir Component A in container thoroughly with high speed (300 - 400 rpm) drill mixer with a spiral type blade at the bottom of stirrer rod. Add all Component - C powder into Component - A and continue mixing for 4 - 5 minutes using a high-speed stirrer till homogenised properly.
  - Once the mixture of Component A & C is homogenised, add all Component B powder (in pouch) into the mixture and continue mixing for maximum 1 - 1.5 minutes using a high-speed stirrer.
- **Application of Material**
  - In case of concrete surface, prime with **ShaliPrime® 2E**.
  - Mark out the surface, which has to be done, with masking tape. Immediately after application the tape should be removed.
  - Apply **ShaliSeal® CSS A** within 5 minutes after mixing Component B positively, by trowel / squeeze and roll using only spike roller to obtain uniform textured finish.
  - Spread the material uniformly.
  - Open traffic at least after 3 hrs. of application.

### 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 contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

### Packing

10 kg pack consists of Component A (Resin) - 3.5 kg, Component B (Hardener) – 0.1 kg and Component C (Extender) – 6.4 kg.

### Storage

Store in a cool dry clean place, at 5°C - 35°C, in original sealed condition. Avoid direct sunlight.

### Shelf Life

3 months in original unopened sealed condition.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



**Advisory Cell: +91 81302 81114**