

ShaliSeal[®] CSS WB



2K Water Based Thermoplastic Cold Applied Coloured Slurry Seal

STP Limited

Description

ShaliSeal[®] CSS WB is a two component, thermoplastic, cold applied, polymer modified durable, flexible, skid resistant coating for both flexible (asphalt) and concrete roads.

ShaliSeal[®] CSS WB is available in factory pre-weighed kit and is available in different colours to meet specific purpose.

Characteristics

Appearance	Colored viscous liquid	BF Viscosity (Spindle 3, RPM 10)	6000 – 9000 cP
Specific Gravity @ 27 °C	1.20 – 1.40	Theoretical Coverage*, kg / m ² , 0.75 mm DFT	1.50
Drying Time, hr	3		
Binder Content, %, Min	60	Open to traffic time, hrs #	6

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 free environment friendly green product.
- Good friction / skid resistance.
- Flexible and Durable.
- Excellent UV / ageing resistance.
- 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.
 - In case of new concrete road, concrete is at least 28 days old.
 - Ambient temperature is not less than 10 °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 containers of each component thoroughly for uniformity.
- Mix component A and component B thoroughly by using high speed drill mixer (300 – 400 RPM) with a spiral type blade at the bottom of stirrer rod till homogeneous mix is obtained.

➤ Application of Material

- Mark out the surface, which has to be done, with masking tape. Immediately after application the tape should be removed.
- Apply first coat @ 0.75 kg / m² by brush / roller / airless spray. For faster and smoother application, airless spray is preferred.
- Allow 1st coat to dry for 3 hrs (depending on weather condition).
- Apply second coat @ 0.75 kg / m² by brush / roller / airless spray for final DFT of 750 micron in two coats (theoretical coverage depending on surface conditions).
- Ensure final curing time of 4 hrs before allowing traffic (depending on weather condition).

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- 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

30 kg pack consists of Component A - 20 kg, Component B - 10 kg.

Storage

Store in a cool dry clean place, at 10°C - 35 °C, in original sealed condition.

Shelf Life

12 months in original unopened sealed conditions.



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



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