

# Cipyseal PS-185 P

Sealants

Poly-Sulphide

Pouring Grade Polysulphide Sealant **CIPYSEAL PS-185 P** is used for horizontal joints and complies with BS 5212:1990 Type FB, Cold applied joint sealant system for concrete pavement.

Ministry of Surface Transportation (MOST) specification for Road and Bridge Works, Clause 602.2.8 and Clause 602.11.4 states that cold applied two part Polysulphide Sealant shall meet BS 5212: 1990.

Cipyseal has been tested and approved by IRMA, Mumbai.

Primer	: FB 303 : Concrete, Brick, Natural stone : FB 304 : Glass, Aluminium
Base	: White : 92 parts by weight
Accelerator	: Dark brown : 8 parts by weight
Mixed compound	: Grey
Joint size	: Width minimum 5mm and maximum 50 mm.
Width Depth ratio	: 1:1 for floor joints
Service temperature	: -40°C to 80°C
Pot life	: 1hr. at 30°C
Resistance:	Cipyseal PS 185 P has good UV resistance. It is resistant to most alkalies and dilute acids, petrol, diesel or jet fuel, vegetable oils etc.
Container size	: 4 kg. and 1kg.

## Application of Sealant:

The best temperature range to carry out the sealing job is 5C to 30C. In wet weather be prepared to re schedule the work.

**Pretreatment:** Pretreat so as to have a surface free of oil, water, dust etc.

## Back up material:

1. To control the geometry of the seal throughout the length of the joint.
2. To act as a base on which the Sealant could be applied.
3. Compressive materials like expanded polyethylene, expanded polystyrene, PU foams, cork boards etc.

**Bond breaker:** Film tape of polyethylene which breaks the bond between the sealant and back up material in order to prevent three face adhesion which would cause distortion to the joint and tear from below.

**Primer:** Apply suitable primer FB 303 or FB 304 on the pretreated joints. Allow to dry for 6-7 hours.

**Incorporation of Cipyseal PS 185 P:** Mix thoroughly the pre weighed base (white paste) and accelerator (dark brown paste). The mixing should continue till an even grey colour is obtained. Pour the entire content on the horizontal joint.

**Tooling the Sealant:** The poured sealant does not need tooling. In certain cases, tooling can be done by drawing a flat stainless steel spatula wetted with surface lubricants such as kerosene.