

# PREFLEX UR

## Pitch-Free Pavement Joint Sealant

### DESCRIPTION

PREFLEX UR is a two-component cold applied, pourable, black joint sealant, which has been designed for use in sealing concrete expansion and movement. The mixed sealant is applied by pouring into horizontal joints and once cured will remain elastomeric at a movement accommodation factor of 25%.

### USES

PREFLEX UR is used for sealing movement and expansion joints in concrete pavement areas, where a flexible seal is required. It is highly resistant to hydrocarbons, making it suitable for use on petrol forecourts, refueling depots, airport hard standing areas and other areas where oil spillage may occur.

### COMPLIANCE

PREFLEX UR complies to BS 5212:1990 types N, F and FB and US Fed Spec. SS-S-200E:1984.

### ADVANTAGES

- Pitch free formulation.
- Excellent resistance to petrol, oil and hydrocarbons.
- Excellent flexibility even at low temperature.
- Excellent durability and resistance to jet blast.

Property	Value
Colour	Black
Solids Content	100%
Shore A Hardness	15
Chemical Resistance	Excellent resistance to dilute acids alkalis, oil, petrol, aviation fuel and aviation hydraulic fluid.
Movement Accommodation Factor	25%
Application Temperature	5°C to 30°C
Curing Time	Tack Free after 24hrs
Full Cure	After 3 to 4 days

### PROCEDURE

**Surface Preparation:** The substrate should be clean, dry and free from dirt, grease and other deleterious materials. Any contamination should be removed by grinding the faces of the joint. Metal surfaces should be free from rust and other contaminants. The joint filler board should be recessed to its suitable depth ensuring that the joint depth is no greater than 25mm wide, and typically no greater depth than the width of the joint, a bond breaking tape should be inserted to the top face of the recessed filler board, to prevent adhesion of the sealant to the sealer board. Masking tape may be applied to the side of the joint to create a neat finish.

**Priming:** Porous substrates should be primed using PREFLEX PU PRIMER, which is brush applied to the faces of the joint. A thin coat should be applied and allowed to dry for approximately 30mins prior to the application of the joint sealant.



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**Mixing:** The base component and the curing agent, should be thoroughly mixed together for a minimum of 5mins, using a low speed drill and paddle until a homogeneous mixture is achieved.

**Application:** PREFLEX UR should be poured into the joint ensuring that the level of the sealant is no less than 5mm below the top of the joint. The metal can may be kinked to form a spout before pouring the sealant into the joint, alternatively a suitable pouring jug may be used.

**Curing:** PREFLEX UR will cure at a rate of 3mm per day, it would have cured sufficiently after 24hrs to allow light trafficking.

**Equipment Cleaning:** Equipment should be cleaned immediately using PREMCRETE SOLVENT CLEANER.

## PACKAGING & COVERAGE

**Pack Size:** PREFLEX UR is supplied in 5ltr packs.

**Yield:** A 5ltr pack is sufficient to seal a 10mm x 10mm joint, 50 linear metres.

## STORAGE & SHELF LIFE

PREFLEX UR should be stored in clean dry conditions at temperatures between 10°C and 30°C. PREFLEX UR has a shelf life of 12 months when stored in unopened containers.

## HEALTH & SAFETY

See separate material safety datasheet



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