

PREFLEX 600

Hot Applied N2 Bitumen Sealant

DESCRIPTION

PREFLEX 600 is a low-extension grade rubber bitumen joint sealant for sealing joints in concrete and tarmacadam. The sealant complies with BS 14188-1:2004 type N2.

USES

PREFLEX 600 is used for sealing horizontal movement joints in asphalt and concrete civil structures, including roads, bridges, airport aprons and other hard standing areas.

ADVANTAGES

- Cost effective.
- Bonds to asphalt and concrete substrates.
- Remains flexible once hardened.
- Can be applied at low temperatures.

Property	Value
Physical Form	Plastic Solid
Colour	Black
Application Temperature	3°C to 50°C
Flash Point	>240°C
Density	1.02kg/litre
Specific Gravity	1.30
Flow Resistance @ 60°C	≤4mm
Movement Accommodation Factor	13% of width of joint
Maximum Safe Heating	185°C
Penetration	35mm-105mm
Softening Point	100° +/-10°C

PROCEDURE

Surface Preparation: The joints should be clean, dry and free from oil and grease and other deleterious materials. Any contamination should be removed by mechanical means to ensure that a good clean surface is achieved.

Priming: The joint faces should be primed using HYDROPRUFE PRIMER. Allow the HYDROPRUFE PRIMER to dry before applying the sealant. Asphalt and metal surfaces do not normally require the use of a HYDROPRUFE PRIMER.

Application: PREFLEX 600 should be heated in a heating vessel to approximately 170°C, to enable ease of application. Whilst the sealant is still hot it should be poured into the joint using a suitable pouring jug and allow to cool and harden before trafficking commences.

Curing: Allow 24hrs prior to full vehicular trafficking. Equipment Cleaning: Clean equipment immediately using PREMCRETE CLEANING SOLVENT.

PACKAGING & COVERAGE

Pack Size: PREFLEX 600 is supplied as a 25kg pack.

Coverage: A 25kg pack will yield approximately 30 litres of liquid sealant. 25kg will seal a joint 48m x 25mm x 25mm long.

STORAGE & SHELF LIFE

PREFLEX 600 should be stored in clean dry conditions away from direct sunlight. When stored in unopened packaging, PREFLEX 600 will have a shelf life in excess of 12 months.

HEALTH & SAFETY

See separate material safety datasheet.