



Seal 'N' Flex 2K

POURABLE TWO PART POLYURETHANE SEALANT



DESCRIPTION

Seal 'N' Flex 2K cold applied, pitch free, two part Polyurethane elastomeric sealant is designed for joints in concrete paved areas.

RECOMMENDED USES

- For sealing floor joints
- For sealing of concrete joints in airport runways
- Oil terminals
- Parking & cargo areas

FEATURES & BENEFITS

Tough, rubbery seal, High movement accommodation Confirms to BS5212-1990. Pitch free-Environmental friendly, Fuel, oil & hydraulic fluid resistant, Selfleveling.

PERFORMANCE PROPERTIES

Colour	Grey
Movement Accommodation Factor IRC: 57: 2006	(±) 30%
Setting Time @ 35°C	14-16 hours
Hardness Shore A @ 25°C	15 ± 5
Mixed Density @ 25°C	1.40-1.50
Full Cure @ 25°C	5 – 7 Days
Pot Life @ 25°C	Min. 30 Minutes
Application Temperature	To avoid unacceptably prolonged cure times, do not apply at temperatures below 5°C.

INSTRUCTION FOR USE

JOINT PREPARATION

Joint sealing slots in concrete should be correctly formed & must be dry, sound & clean. Porous substrate should be cleaned by grinding saw cutting or blast cleaning. The prepared sealing slot should be blown out with oil free dry compressed air. Ensure expansion joint filler is tightly packed in the joint & at the required depth. Insert bond breaker into the base of the sealing groove.

PRIMING

Use Primer N49 by clean, dry brush and allow 30 minutes for the solvent evaporation before applying Sealant. Sealant must be applied when primer is in tacky condition. Repriming is required when the primer film is completely tack free before applying the sealant.

MIXING

Transfer entire content of curing agent into base container and mix thoroughly for 3 minutes with slow speed stirrer until the material is completely mixed. After mixing, sealant may be loaded into an appropriate sealant gun, apply the mixed sealant into sealing slots so that the finished level of the seal is recessed below the trafficked surfaces as specified. Excess sealant should be wiped from all surfaces while still uncured. Remove any masking tapes prior to sealant curing.

CLEANING

Clean up uncured material & equipment immediately after use with solvent.

COVERAGE

The coverage shown below is the approximately linear meters per litre.

Size (mm)	10X10	20X15	25X20
Litre per meter	0.100	0.300	0.500

PACKAGING

4 Kg

STORAGE & SHELF LIFE

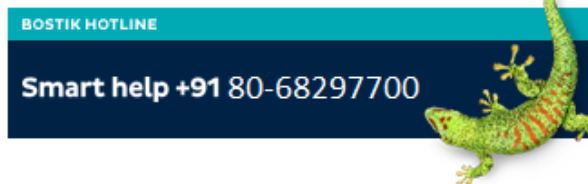
12 months in original container when stored in cool and dry conditions i.e. not exceeding 25°C.

LIMITATIONS

Primer N49 is not compatible with bituminous surfaces. For situations where Seal 'N' Flex 2K could come into contact with pavement asphalt (for example, in a transition joint between concrete and asphalt pavements), contact the local Bostik office for advice. The application should not be carried out during rain, fog, mist etc., and relative humidity should not exceed >75% during application.

HEALTH & SAFETY

Seal 'N' Flex 2K Curing agent and mixed product contains isocyanate which may cause sensitization by skin contact. Avoid contact with skin & eyes and inhalation of vapour. In case of contact, wash liberally with soap water followed by clean water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling. For more information refer to Material Safety Data Sheet.



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