

BITUSEAL

Hot poured thermoplastic bitumen rubber joint sealant

Description

Bituseal joint sealants are hot poured thermoplastic bitumen rubber joint sealants designed for use in sealing horizontal movement joints in concrete pavements, floor slabs and asphalt surfaces.

Note: Bituseal is not fuel resistant and should not be used in aircraft hardstandings, garage forecourts or other areas subject to fuel and oil spillage.

Standards Compliance: BS 2499: 1973 and BS 6920: 1988

Advantages

- Excellent adhesion to concrete and asphalt surfaces.
- Economical sealant for horizontal surfaces.
- Resists ingress of dirt and grit in trafficked areas.

Guide to Quantities

Joint Size (mm)	Litres per metre run	Metre run per litre
10 x 10	0.10	10.00
13 x 13	0.17	5.92
15 x 15	0.22	4.44
20 x 15	0.30	3.33
20 x 20	0.40	2.50
25 x 20	0.50	2.00
25 x 25	0.62	1.60
30 x 25	0.75	1.33
30 x 30	0.90	1.11

Technical Information

Solids Content:	100%
Pouring Temperature:	130-140°C
Max. Safe Heating Temperature:	160°C
Shelf Life:	Unlimited when stored as recommended
Movement Accommodation:	12%
Colour:	Black
Specific Gravity:	1.22
Application Temperature:	Over 5°C

Application Instructions

Preparation of substrate:

All joints should be dry, free from dirt, dust and grease. Cleaning should be carried out by wire brushing or grinding. Where possible a suitable joint filler should be inserted to provide adequate support for the Bituseal compound.

Priming

When required apply a coat of Uniseal Primer P3 ensuring complete coverage of the joint faces. Allow between 1-3 hours to dry. Bituseal should be applied once the primer is tack free.

Mixing & Placement

Bituseal sealants should be heated in an oil jacketed melter pourer equipped with a stirrer and thermometer. The machine should be charged initially with sufficient blocks to provide cover for the bottom of the melter pourer. The Bituseal should be carefully heated until molten when further blocks may be added as required. Bring melt to working temperature (130-140°C). Do not overheat. Avoid prolonged heating. Bituseal should be poured to a level approximately 5mm below the trafficked surface.

Note: Bituseal should not be reheated once the product has cooled down.

Packaging

Bituseal A2 is supplied in a 20kg strippable keg.

Storage

Store in a cool dry place. Bituseal must be covered if stored externally.



Health & Safety

This product is not regarded as hazardous.
As Bituseal is used at elevated temperatures it should be handled carefully. Contact with skin could result in burning. If contact occurs immediately immerse affected area into cold running water. Do not peel from skin, leave Bituseal to detach itself with time.
If contact is with eyes, cool by irrigating with water for 10 to 15 minutes. Seek medical advice.
Avoid inhalation of fumes.
Wear suitable heavy duty protective clothing and gloves.
Eye protection should be worn.

Cleaning of Tools

Tools should be cleaned with Nuwash solvent as soon as possible after use.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.
Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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