

## 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 hard standings, 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	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

Colour	Black
Solids content	100%
Specific gravity	1.22
Pouring temperature	130-140°C
Max. safe heating temperature	160°C
Movement accommodation	12%
Application temperature	>5°C

#### 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

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.



## Application

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 22kg strippable keg.

## Storage

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

## Cleaning of Tools

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

## Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

## Technical Support

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

