

bitujoint putty

Bituminous cold-applied joint sealing compound

DESCRIPTION

bitujoint putty is a filled modified bitumen

USES

Sealing low movement vertical and inclined joints, particularly in water retaining structures. Not suitable for joints under traffic conditions.

FEATURES & BENEFITS

- Economical sealing compound.
- Easy to apply.

SURFACE PREPARATION

All surfaces to be clean, dry and sound.

BONDING / PRIMING

After preparation, all surfaces concerned should be primed with **abe bituprime**. This primer coat must be touch-dry before the sealant is applied.

MIXING

bitujoint putty is generally too thick to be used directly from the container at normal temperatures. Stand the container in very hot water until the compound has softened sufficiently to work by hand. Do not immerse the container completely nor allow water into the compound. Never apply direct heat to the compound.

DO NOT DILUTE

COVERAGE

Dependant on joint size

Coverage for estimating purposes				
Cross section of joint (mm)	12	20	40	50
	x	x	x	x
	20	30	45	75
m/kg	2,9	1,0	0,63	0,22

Note: No wastage has been allowed for.

TYPICAL PHYSICAL PROPERTIES OF WET MATERIAL

Density	1,4 g/cm ³
Colour	Black
Flash point	Does not flash

TYPICAL PHYSICAL PROPERTIES

Volume solids	100%
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TYPICAL PHYSICAL PROPERTIES AFTER APPLICATION

Service Temp.	-10° C - +80° C
Movement tolerance	2,5% of neutral joint width
Water tainting	Does not taint
Solvent resistance	Will not resist solvents, greases, animal fats, vegetable or mineral oils.
Chemical resistance	Will resist most salt solution, dilute acids and alkalis.
Drying time @ 25° C	As soon as joint is completed.

APPLICATION

JOINT GEOMETRY AND DESIGN

- * When sealing with **bitujoint putty** the depth of sealant (D) must never be less than the width (W) of the joint. Ideally D should be 1,5 W, with W having a maximum dimension of 50-60 mm.
- * The minimum W of any joint should be 40 times the anticipated movement of that joint.
- * The sealant must always be fully supported by the joint filler e.g. bitumen impregnated soft-board or cork.
- * Joint in water retaining structures should always be filled with cork and not with bitumen impregnated softboard.

JOINT FILLING

When **bitujoint putty** is sufficiently softened, roll into a strip and caulk into the primed joint slot ensuring good contact to the sides and bottom of the joint. To obtain a neat finish, over-fill the joint slightly and then cut off excess material with a heated paint scraper. Warm and iron into place with heated scraper tool.

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe super brush cleaner** followed by washing with soap and water.

PROTECTION ON COMPLETION

Non required.

TEMPERATURE AND RELATIVE HUMIDITY

Placing temperature: Warm container to about 45° C

MODEL SPECIFICATION

Low-movement, bituminous joint-sealing compound (cold applied). Primer: Bituprime

The joint sealing compound will be **bitujoint putty**, a one-part, modified, filled bitumen sealant applied in accordance with the recommendations of **abe Construction Chemicals**, including **abe bituprime** primer as required. The sealant will have a neutral movement tolerance of 2,5%.

PACKAGING

6 kg container and 25 kg bag.

HANDLING & STORAGE

This product has a shelf life of 24 months from date of manufacture if kept in a dry cool place in the original
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packaging. In more extreme conditions this period might be shortened.

HEALTH & SAFETY

bitujoint putty is non-toxic and should be perfectly safe for the vast majority of people to use. However, it is feasible that certain people may exhibit an allergy to such a material. It normally produces no more than a staining of the hands, which can be easily removed with **abe hand cleaner**.

If material is splashed into the eye, wash with plenty of clean water and seek medical attention.

Cured **bitujoint putty** is inert and harmless.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **abe Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **abe** has no direct or continuous control over where and how **abe** products are applied - accept any liability either directly or indirectly arising from the use of **abe** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **abe Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

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