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CI/SfB

TECHNICAL DATA SHEET TDS002
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SEALOFOAM

DESCRIPTION

SEALOFOAM is a one component, moisture curing, polyurethane foam which expands to form a rigid sealant on curing, SEALOFOAM can also be used as an adhesive.

USES

SEALOFOAM is an easy to use multi-purpose filling medium that cures rapidly to form a rigid foam which can be plastered or painted over. When cured, it joints, seals and insulates wood, brick, metal, concrete and most plastics.

- 1 SEALOFOAM has very good resistance to water, benzene, oil, cleaning solvents, weak acids and alkalis when fully cured. It does not rot or decay and resists fungus.
- 2 SEALOFOAM is not resistant to ultra violet rays and should not be exposed to prolonged sunlight. It may be painted over when cured with an oil based or emulsion paint. It may be plastered over depending on size - small areas need no preparatory work whereas large areas need a priming coat of SEALOBOND PVA before application of SEALOFOAM.

COVERAGE/YIELD

A 750ml aerosol will produce approximately 35 litres of expanded foam.

A 500ml aerosol will produce approximately 23 litres of expanded foam.

TECHNICAL DATA

Colour	Amber only
Compression Tension	4.4N/cm ² at 10% compression DIN53421
Compressibility	8N/cm ² (DIN 53421)
Breaking Strength	15N/cm ² at 20°C and 20N/cm ² at -20°C
Adhesive Strength	9.2N/cm ² (wood) and 10.8N/cm ² (stone)
Raw Density	25kg/m ³ (DIN53420)
Elongation at Break	30% at 20°C and 13% at -20°C
Fire Resistance	Class B3 (DIN 4102)
Flexural Strength	35 N/cm ² DIN 53423)
Insulating Factor (K value - DIN 52612	0.032 Kcal/mh°C at 20°C
Permeability to Water Vapour (DIN 53429)	70 gr/m ² /day
Application Temperature	0°C - 40°C
Tack free time @ 20°C	5 minutes depending on thickness

PACKAGING

Available in standard 500ml and 750ml aerosols and a 700ml aerosol for use with an applicator gun.

METHOD OF USE

Surfaces must be free of oil, grease and loose materials. Dampen surfaces but ensure that no layer of moisture is left on surface before application of SEALOFOAM. Gypsum and asbestos products however, require a primer and the foam does not adhere to oily, greasy and dusty surfaces.

Shake aerosol for two minutes with nozzle facing downwards. Pressure on the distributor adjusts the flow of foam and an interruption may be made in the application at any time. Once cured, the rigid foam can be trimmed easily with a sharp knife. Fresh foam may be removed with SEALOFOAM solvent during the first five minutes after which time it will become tack free.

If contents of aerosol are not all used, remove and clean distributor nozzle with SEALOFOAM solvent and insert moistened match into the can outlet valve.

STORAGE

SEALOFOAM must be stored UPRIGHT in a cool dry place, away from direct sunlight between a temperature of 5° and 25°C. The storage life is approximately 9 months.

Cleaning of Tools

Tools may be cleaned by using SEALOFOAM SOLVENT.

STORAGE

Storage life is 12 months in tightly sealed, unopened and undamaged containers, away from sources of heat.

HANDLING

SEALOFOAM contains diphenylmethane 4.4 di-isocyanate. It is harmful by inhalation and is irritating to the eyes, respiratory system and skin. After contact with skin, remove before curing with SEALOFOAM SOLVENT or acetone and wash with plenty of soap and warm water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For further information refer to the relevant Health and Safety Data Sheet.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

