

HYLOFLEX MS40

Transparent MSP based sealant

Description

Hyloflex MS40 is a flexible, high strength sealant and adhesive that is suitable for a wide range of applications. Unlike silicone sealants Hyloflex MS40 can be painted over with most acrylic and solvent based paints and is hazard free. The product can be used indoor or outdoors for sealing and/or bonding almost any material. Hyloflex MS40 contains no solvents, isocyanates or silicone.

Typical Properties - Uncured Product

Colour	Clear
Consistency	Non-slump paste
Specific Gravity (DIN 53479)	1.05
Skin Forming Time at 23°C (73.4°F)/50% RH (BS 5889)	10 minutes
Cure Rate @ 25°C (77°F) and 60% RH	2-3mm per 24 hours

Technical Properties - Cured Product

Tensile Strength DIN 53505, S3A	2.0 N/mm ²
Elongation @ Break DIN 53504, S3A	300%
Hardness Shore A DIN 53505	40 ⁰
Shrinkage DIN 53504, S3A	None
Typical temperature Range	-40°C to 100°C (-40°F to 212°F)

Other Properties

Hyloflex MS40 is suitable for use in applications that include exposure to the following conditions:

- Moisture, frost and humid environments
- UV light
- Dilute acids and bases (short term)

Hyloflex MS40 also antifungal and resists mildew growth. The product is paintable and remains permanently elastic.

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the data present herein.

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Typical applications

Hyloflex can be used for bonding:

- Wall panels
- Glass and mirrors
- Plastics (NOT recommended for PE, PP and Teflon (PTFE))
- Stone and concrete
- Many metals

It is also used for mounting:

- Skirting boards
- Window sills
- Thresholds
- Insulation

Typical sealing applications include

- Antifungal joints in bathrooms and kitchens
- Deck-seams
- Repairing roofs and guttering
- Glass

Instructions for use

The substrates should be clean and free from dust and grease. The product can be applied to the substrate in dots or stripes. The two surfaces should be mated together within the skin time shown above (note that the skin time will decrease in hot or humid environments). Gently clamp/fix the substrates together and allow for the product to harden (usually 24 hours for full cure). Residues can be removed with a suitable solvent. Apply between 5°C and 30°C (41°F and 86°F).

Handling and Safety Properties

Hyloflex MS40 is considered non-hazardous under normal use but for further information please see the product safety data sheet.

Shelf life

9 months when stored between 5°C and 25°C (41°F and 77°F) in the original, unopened container.

Packaging

Hyloflex MS40 is available in 290ml (9.81fl.oz) Cartridges and 600ml (20.3fl.oz) sausage packs. For full details please contact our sales department.

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