HYLOFLEX MS60
MSP based sealant

Description
Hyloflex MS60 is a flexible, high strength sealant and adhesive that is suitable for a wide range of applications. Unlike silicone sealants Hyloflex MS60 can be painted over with most acrylic and alkyd paints and is hazard free. The product can be used indoor or outdoors for sealing and/or bonding almost any material.

Typical Properties - Uncured Product

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Black, White, Grey</td>
</tr>
<tr>
<td>Consistency</td>
<td>Non-slump paste</td>
</tr>
<tr>
<td>Specific Gravity (DIN 53479) (ASTM D4659)</td>
<td>1.38</td>
</tr>
<tr>
<td>Skin Forming Time at 23°C (73.4°F)/50% RH (BS 5889)</td>
<td>10 minutes</td>
</tr>
<tr>
<td>Cure Rate @ 25°C (77°F) and 60% RH</td>
<td>2-3mm per 24 hours</td>
</tr>
</tbody>
</table>

Technical Properties - Cured Product

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength DIN 53505, S3A</td>
<td>2.40 N/mm²</td>
</tr>
<tr>
<td>Elongation @ Break DIN 53504, S3A</td>
<td>300%</td>
</tr>
<tr>
<td>E Modulus @ 100% Elongation DIN 53504, S3A</td>
<td>1.95 N/mm²</td>
</tr>
<tr>
<td>Hardness Shore A DIN 53505</td>
<td>60°</td>
</tr>
<tr>
<td>Shrinkage DIN 53504, S3A</td>
<td>None</td>
</tr>
<tr>
<td>Typical temperature Range</td>
<td>-40°C to 100°C (-40°F to 212°F)</td>
</tr>
</tbody>
</table>

Other Properties

Hyloflex MS60 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 MS60 also antifungal and resists mildew growth. The product is paintable and remains permanently elastic.
**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 (41°F) and 30°C (86°F).

**Handling and Safety Properties**

Hyloflex MS60 is considered non-hazardous under normal use but for further information please see the product safety data sheet.

**Storage**

Product should be stored between 5°C and 25°C (41°F and 77°F).

**Packaging**

Hyloflex MS60 is available in 290ml (9.81fl.oz) Cartridges and 600ml (20.3fl.oz) sausage packs. For full details please contact our sales department.