Hydrobar CSM
SEALING AND WATERPROOFING
Hydrobar CSM Waterproofing Membrane

Trelleborg Engineered Products Hydrobar CSM is made in Australia using the same elastomer as the original DuPont Hypalon® which is no longer available.

It is typically bonded to the wall and floor using specified epoxy adhesive systems, leaving the middle portion free to stretch and move relative to the bonded areas.

The Hydrobar CSM un-cured bandage is commonly used to provide a waterproof barrier over the construction gap between the internal wall surface and the floor.

Approved under AS/NZS 4020:2005 Testing of products for use in contact with drinking water.

Advantages

- Impermeable to water, air and steam
- Highly weather, ozone and UV resistant
- High flexibility
- Good resistance to chemicals, including raw sewage
- Wide working temperature range
- Odourless
- Appropriate for application on a great variety of materials
- Easy to join and quick installation
- Made to order

Applications

- Movement joints in concrete reservoirs
- On concrete, metal and PVC pipes
- Expansion joints and steel, cast iron and concrete cracks
- Foundations, buried elements and conduits
- Basements
- Underground garages, multi-storey car park terraces
- Tunnels
- Tanks, cisterns, ponds and silos
- Pools
Technical Specifications

Rubber type
Chlorosulfonated Polyethylene, CSM.

Colour
Grey

Availability
Rolled strip in the following dimensions:

Thickness:
1mm, 2 mm

Length:
20,000 mm

Width:
100/125/150/200/250 mm
300/350/400/500/1000 mm

Finish
Punched holes and tear off tape is optional.

Storage and Preservation Conditions
Up to 36 months (in the original package). See warranty for details.

Packaging
Sealed cardboard. Can be customised.

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### BASIC DATA AS MANUFACTURED

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>1.50 g/cm³</td>
</tr>
<tr>
<td>Indentation hardness</td>
<td>60 Shore A</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>6.0 Mpa</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>800%</td>
</tr>
<tr>
<td>Tear strength</td>
<td>30 N/mm</td>
</tr>
<tr>
<td>Working temperature</td>
<td>-30 / 70°C</td>
</tr>
</tbody>
</table>

### CHEMICAL RESISTENCE

<table>
<thead>
<tr>
<th>Substance</th>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone</td>
<td>Excellent</td>
</tr>
<tr>
<td>Diluted Acids and Alkalis</td>
<td>Excellent</td>
</tr>
<tr>
<td>Concentrated Acids and Alkalis</td>
<td>Good</td>
</tr>
<tr>
<td>Hydrocarbons</td>
<td>Moderate</td>
</tr>
<tr>
<td>Organic Solvents</td>
<td>Moderate</td>
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</tbody>
</table>

Hypalon® is a registered mark of Dupont Dow Elastomers.
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& Construction business area of the Trelleborg Group. Trelleborg 
Engineered Products is a leading global developer, manufacturer and 
provider of engineered polymer solutions to the energy, infrastructure 
and mining industries. Performing in some of the harshest 
environments on earth, its principal products are sealing systems 
for tunnels, a wide range of bearings, polymer solutions for floatover 
technology and wear resistant products for the mining industry. 
With local support, a track record of over 100 years and its everyday 
ingenuity, customers can rely on Trelleborg Engineered Products to 
deliver innovative polymer solutions that significantly improve the 
quality, safety and efficiency of its customers’ operations worldwide.

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