SIGMA BITUMINOUS EMULSION

January 2014

DESCRIPTION
barrier coating based on emulsified bitumen, developed to prevent water penetration into concrete and wood

PRINCIPAL CHARACTERISTICS
- for interior and exterior use
- unsaponifiable and alkaline resistant
- impermeable
- good flexibility
- good water resistant properties
- water borne

COLOUR AND GLOSS
dark brown/black - flat

BASIC DATA AT 20 °C

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass density</td>
<td>approx. 1.0g/cm³</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>approx. 3 m²/ltr (11 m²/usg)</td>
</tr>
<tr>
<td>Touch dry after</td>
<td>approx. 2 hours</td>
</tr>
<tr>
<td>Overcoating interval</td>
<td>min. 12 hours, max. 48 hours</td>
</tr>
<tr>
<td>Shelf life (cool, dry place)</td>
<td>12 months</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>above 65 °C</td>
</tr>
<tr>
<td>Available pack size</td>
<td>15 and 20ltr</td>
</tr>
</tbody>
</table>

RECOMMENDED SUBSTRATE CONDITIONS
- dry and properly cleaned concrete and other cement based building materials (max. 4% moisture)
- all dirt, powder, laitance and other contamination must be removed
- steel; remove all corrosion products and any other contamination

SYSTEM SPECIFICATION
- barrier coating to prevent migration of water to the underlying substrates
- concrete; apply first coat thinned with 50% sweet water and thereafter 2 full coats
- the concrete should be moistened before applying the first coat
- wood: apply 2 full coats

Please turn
METHOD OF APPLICATION

**AIRLESS SPRAY**  
Recommended thinner: no thinner to be added

**BRUSH AND ROLLER**  
Recommended thinner: sweet water

**CLEANING SOLVENT**  
sweet water or if dried thinner 20-05 (flashpoint 38 °C)

SAFETY PRECAUTIONS  
see safety sheet 1570 for information on LEL and TLV values

REFERENCES  
explanation to product data sheets on information sheet 1551