

# Prosurface Retarder

## Surface Retarder for Exposing Aggregate Concrete

<b>Description</b>	<p>It is a water based top surface retarder which does not require plastic covering for protection It can be used for full exposure of 32 mm aggregate</p> <p>It diffuses into the paste during the first hours of curing and slow down the cement hydration During the 16 hours of curing the bulk concrete hardens except the retarded layer</p>
<b>Where to use</b>	<ul style="list-style-type: none"> <li>• Poured in-place concrete flat work.</li> <li>• Top surface of precast panels.</li> <li>• Exposed aggregate concrete in road constructions and architectural finishes.</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Excellent depth of etch control.</li> <li>• Excellent coverage rates.</li> <li>• Solvent free odorless</li> <li>• Heat resistant</li> <li>• Degradable</li> <li>• Easy to use</li> <li>• Economic</li> </ul>
<b>Properties</b>	
Form	Liquid
Colour	Yellowish Brown
Dansity	1 ±0.03 g/cm <sup>3</sup>
PH-Value	7 ±1
Application temperature	10-30 °C
Drying time	12-24 Hours
<b>How to use</b>	<ul style="list-style-type: none"> <li>• Shake well before application.</li> <li>• Apply the material uniformly to the wet concrete after the initial bleed water rises.</li> <li>• Spray with a low pressure sprayer</li> <li>• Once dry (12-24Hours) After application use water to wash away the retarded cement layer using high pressure water</li> <li>• In hot climates it is necessary to remove the retarded layer at the same day.</li> <li>• Clean all tools with water</li> </ul>
<b>Theoretical Coverage</b>	100-300 gm/m <sup>2</sup>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• 5 &amp; 20 Kg Pails</li> <li>• 200 Kg Drums</li> </ul>
<b>Shelf life &amp; Storage</b>	<ul style="list-style-type: none"> <li>• One Year in Its Closed packs stored properly</li> </ul>

**Health and Safety**

- Use gloves to avoid contact with skins.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.

**Additional Information**

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