



**Beger Super Hi-Shield**

**100% Acrylic Emulsion Paint for Exterior and Interior (Matt)**

<b>Description</b>	Beger Super Hi-Shield (Matt), 100% acrylic emulsion paint for exterior and interior. Formulated from Titanium pigment. It provides high durability in tropical weather conditions and giving good hiding power with excellent resistance to alkali, algae and fungus. No added lead, no added mercury and environmental safe.		
<b>Feature and Benefits</b>	<ul style="list-style-type: none"> <li>- Good Hiding Power</li> <li>- Easy to clean surfaces</li> <li>- Good Scrub Resistance</li> <li>- Good Water and Alkali Resistance</li> <li>- Fungus and Algae Resistance</li> <li>- No added lead and mercury</li> </ul>		
<b>Properties for Use</b>	Beger Super Hi-Shield (Matt) suitable to use on concrete, plaster, masonry and asbestos surface for exterior and interior works.		
<b>Film Thickness and Spreading Rate</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Typical</b>
• Dry film thickness (microns)	30	40	35
• Wet film thickness (microns)	100	130	115
• Theoretical coverage rate (m <sup>2</sup> /Gallon)	35	40	35
<b>Physical Properties</b>	<ul style="list-style-type: none"> <li>• Vehicle type: Pure Acrylic 100% Emulsion paint</li> <li>• Finish: Matt</li> <li>• Colour: According to the "Beger Super Hi-Shield Catalog"</li> <li>• Specific gravity: 1.30 - 1.40</li> <li>• Solid by volume: 30.0 - 35.0%</li> <li>• Solid by weight: 45.0 - 55.0%</li> <li>• Dry time (@25<sup>o</sup> c)</li> <li style="padding-left: 20px;">Touch dry: 30 minutes</li> <li style="padding-left: 20px;">Recoat: 2 - 4 hours</li> </ul>		
<b>Application Method</b>	<ul style="list-style-type: none"> <li>• Tool: : Brush, Roller, Spray gun</li> <li>• Thinner: : Clean water, Tap water</li> <li>• Dilution: : Dilute with 15-20 % water by volume</li> <li>• Handling: : The moisture content in the concrete should not exceed 14%</li> <li>: Concrete and masonry cure at least 28 days before coating</li> </ul>		
<b>Application System</b>	<ul style="list-style-type: none"> <li>• Surface preparation: : New surfaces : New concrete or cement must be fully cured at least 1 month before painting, moisture content must be lower than 14%</li> <li>: Old or painted surfaces : Chalky or deteriorated surface must be removed, clean all dust and other dirt. Apply Beger Mouldfree M-001 to remove fungus and algae.</li> <li>Tips : Surface must be completely dry and clean before painting. Remove all grease, dirt and contamination. Apply on hairline crack (less than 1 mm.) with Beger Acrylic Filler F-200 or apply on wide crack (1 mm. - 1 cm.) with Beger Acrylic Sealant F-001</li> <li>: Stir content thoroughly before and during application.</li> <li>• Typical paint system: : New surfaces</li> <li>- Primer : Beger Super Hi-Shield Alkali Resisting Primer (for Exterior and Interior) S-8888 <span style="float: right;">1 coat</span></li> <li>- Topcoat :Beger Super Hi-Shield for Exterior and Interior (Matt) <span style="float: right;">2 coats</span></li> <li>: Old or painted surfaces</li> <li>- Primer : Beger Clear Contact Primer # B-1500 <span style="float: right;">1 coat</span></li> <li>- Topcoat :Beger Super Hi-Shield for Exterior and Interior (Matt) <span style="float: right;">2 coats</span></li> </ul>		
<b>Storage</b>	<ul style="list-style-type: none"> <li>: The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.</li> <li>: Containers must be kept tightly closed.</li> <li>: 24 months at ambient.</li> </ul>		
<b>Health and safety</b>	<ul style="list-style-type: none"> <li>: Use under well ventilated conditions</li> <li>: Do not breathe or inhale mist.</li> <li>: Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water.</li> <li>: Eyes should be well flushed with water and medical attention sought immediately.</li> </ul>		
<b>Precaution</b>	: Keep out of reach of children		
<b>Reference Standard</b>	: Thai Industrial Standard : TIS 2321-2549 and TIS 2514-2553		
<b>Packing Size</b>	: 1 gallon, 2.5 gallon, 5 gallon		



**DISCLAIMER**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.