



# BEGER SHIELD 5 STARS

## 100% Acrylic Emulsion Paint Semi-Gloss : For Exterior and Interior

<b>Description</b>	Beger Shield 5 Stars Semi-Gloss for Exterior and Interior is formulated from high quality 100% pure acrylic, the most durable painting color. The advance innovation and technology under "Beger Shield" provides the high concentrate, painting formulation to ensure superior hiding power, smooth and beautiful looking for a long time. No added lead, no added mercury and environmental safe.		
<b>Properties for Use</b>	Beger Shield 5 Stars Semi-Gloss for Exterior and Interior use as a topcoat on all surfaces such as cements, concretes, fiber cements, bricks suitable for exterior and interior works.		
<b>Feature and Benefits</b>	<ul style="list-style-type: none"> <li>* Easy to apply, give smooth appearance.</li> <li>* Excellent water and alkali resistance.</li> <li>* Dirt and stains wash off easily.</li> <li>* Excellent hiding and coverage.</li> <li>* Good resistance to algae, fungus mildew and mold attack.</li> </ul>		
<b>Film Thickness and Spreading Rate</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Typical</b>
* Dry film thickness (microns)	30	35	30
* Wet film thickness (microns)	100	120	110
* Theoretical coverage rate (m <sup>2</sup> /U.S.Gallon/coat)	35	35	30
<b>Physical Properties</b>	<ul style="list-style-type: none"> <li>* Vehicle type : 100% Acrylic Emulsion Paint</li> <li>* Finish : Semi-Gloss</li> <li>* Colour : According to the "Beger Shield 5 Stars Catalog"</li> <li>* Specific gravity : 1.25-1.35</li> <li>* Solid by volume : 30.0-34.0%</li> <li>* Solid by weight : 40.0-47.0%</li> <li>* Dry time (@25'C, 30 mm.DFT) <ul style="list-style-type: none"> <li>Touch dry : 30 minutes</li> <li>Recoat : 1-2 hours</li> <li>Cured : 4-6 hours</li> </ul> </li> </ul>		
<b>Application Method</b>	<ul style="list-style-type: none"> <li>* Tool : Brush, roller or spray gun.</li> <li>* Thinner : Clean water.</li> <li>* Handling : The moisture content in the concrete should not exceed 14%. Concrete and masonry cure at least 30 days before coating.</li> <li>* Dilution : Application by roller, brush or spray gun dilute with 5-10% clean water by volume.</li> </ul>		
<b>Application System</b>	<ul style="list-style-type: none"> <li>* Surface preparation : Surface should be dry and clean. Remove completely all dirt, grease, oil, water or any contaminated by washing surface with suitable cleaner. Repair all surface imperfections. Before application, fill and seal hairline cracks by working a generous amount of material into void. Cracks and gaps wider than 2.0 - 10.0 mm. should be filled with acrylic sealant. Use Beger Acrylic Wall Filler #F-200 for cracks and gaps with less than 0.3 - 1.0 mm. width. Surface with fungus, mold and mildew growth must be cleaned off and follow by the treatment of fungicidal wash Beger Mouldfree #M-001. Previous painted surface: Remove all loose or peeling paint. Remove chalk with high pressure-water jet; allow to dry a minimum of 24 hours. Stir content thoroughly before and during application.</li> <li>* New Masonry Substrate <ul style="list-style-type: none"> <li>* Primer : Beger Shield 5 Stars Alkali Resisting Primer #B-6999 <span style="float: right;">1 coat</span></li> <li>* Topcoat : Beger Shield 5 Stars Semi-Gloss for Exterior and Interior <span style="float: right;">2 coats</span></li> </ul> </li> <li>* Previously Painted Masonry Surfaces <ul style="list-style-type: none"> <li>* Primer : Beger Contact Primer #B-1500 <i>or</i> Beger Water Contact Primer #B-2090 <span style="float: right;">1 coat</span></li> <li>* Topcoat : Beger Shield 5 Stars Semi-Gloss for Exterior and Interior <span style="float: right;">2 coats</span></li> </ul> </li> </ul>		
<b>Environmentally Friendly Tips</b>	<ul style="list-style-type: none"> <li>: Do not mix paints for storage or disposal. Leave paint in the original container.</li> <li>: Do not throw liquid paint in the trash or pour it down the drain.</li> <li>: Small amounts of latex paint can be air-dried and disposed through your trash collection system.</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>: 36 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 Gallons and 5 Gallons.		

### 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.