



TECHNICAL DATA SHEET **BEGER COOL FLEX**

Premium Paint 100% Acrylic Elastomeric Wall Coating : High Durability

Description	<p>Beger Cool Flex is a flexible high-build waterbased wall coating designed to expand and contract, bridging hairline cracks in vertical masonry. The premium-grade acrylic elastomeric formula provides superior elasticity and elongation properties for exterior and interior application. Beger Cool Flex extremely durable and superior dirt resistant waterproofing properties. Paint offers fungus & algae resistance, and fade resistance, etc.</p> <p>No added lead, no added mercury and environmental safe.</p>		
Feature and Benefits	<p>*Cover Hairline Cracks : Expand and contract, bridging hairline cracks in vertical masonry (wall) with special elastic property that over existing and future cracks.</p> <p>*Dirt Proof : Prevent dirt streak and make substrate look evenly cleaned.</p> <p>*Water Resistant Film : Waterproof property to protect walls from water. Breathable film, releasing moisture that builds in walls.</p> <p>*Alkali Resistance : Resist discoloration by efflorescence, alkali and degradation by cement component.</p> <p>*Durable Film & Washable : Allows easy removal of dirt, stains, oily dirt and provide Oil Repellency.</p> <p>*Anti-Fungus & Anti-Algae Effect : Good resistance to algae, fungus mildew and mold attack.</p> <p>*Peeling Resistance : Excellent adhesion on primer and substrates.</p> <p>*Solar Reflectance & UV Protection: UV Protection with high quality pigment.</p>		
Application Area	<p>Beger Cool Flex intends for wide range of applications including decoration and accommodates hairline cracks on masonry surface. It is ideal for interior and exterior application on concrete, cement mortar, plaster, fiber cement, asbestos surfaces as well as wood, brickwork and hardboard, gypsum board and other building materials where long-lasting paint is required.</p>		
Film Thickness and Spreading Rate	Minimum	Maximum	Typical
* Dry film thickness (microns)	80	100	90
* Wet film thickness (microns)	120	160	140
* Theoretical coverage rate (m ² /gallon)	24	30	27
Physical Properties	<p>* Vehicle type : 100% Acrylic Elastomeric Wall Coat</p> <p>* Finish : Semi-gloss</p> <p>* Colour : White</p> <p>* Solid by volume : 42.5 - 45.0%</p> <p>* Dry time (@25°C)</p> <p>Touch Dry : 30 minutes</p> <p>Recoat : 4 hours</p> <p>Dry to handle : 12 - 24 hours</p> <p>* Flash point : None</p>		
Application Method	<p>* Tool : Brush, roller or spray gun.</p> <p>* Thinner : Clean water.</p> <p>* Condition during application</p> <p>: The moisture content in the concrete should not exceed 14%.</p> <p>: Concrete and masonry cure at least 30 days before coating.</p> <p>: Application by roller or brush dilute with 5% clean water by volume.</p> <p>: Application by spray gun dilute with 15 - 20% clean water by volume.</p>		
Application System	<p>* Surface preparation</p> <p>: Surface should be dry and clean. Remove completely all dirt, grease, oil, or any contaminated by washing surface with suitable cleaner.</p> <p>: Surface with fungus, mold and mildew growth must be cleaned off and follow by the treatment of fungicidal wash Beger Mouldfree #M-001.</p> <p>: 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. Stir content thoroughly before and during application.</p> <p>: New Masonry Substrate</p> <p>* Primer : Beger Cool Flex Elastomeric Primer #9000 for better solar heat insulation 1 coat</p> <p>and reflection.</p> <p>* Topcoat : Beger Cool Flex Premium Paint 100% Acrylic Elastomeric 2 coat</p> <p>: Previously Painted Surfaces</p> <p>* Primer : Beger Pro Quick Primer #B-1900 1 coat</p> <p>* Topcoat : Beger Cool Flex Premium Paint 100% Acrylic Elastomeric 2 coat</p>		
Environmentally Friendly Tips	<p>: Do not mix paints for storage or disposal. Leave paint in the original container.</p> <p>: Do not throw liquid paint in the trash or pour it down the drain.</p> <p>: Small amounts of latex paint can be air-dried and disposed through your trash collection system.</p>		
Storage	<p>: 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.</p> <p>: Containers must be kept tightly closed.</p> <p>: 36 months at ambient.</p>		
Health and safety	<p>: Use under well ventilated conditions.</p> <p>: Do not breathe or inhale mist.</p> <p>: Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water.</p> <p>: Eyes should be well flushed with water and medical attention sought immediately.</p>		
Precaution	<p>: Keep out of reach of children.</p>		
Reference Standard	<p>: Thai Industrial Standard : TIS 2321 - 2549 (Durable Emulsion Paint)</p>		
Packing Size	<p>: 3.785 Litres, 10 Litres and 15 Litres.</p>		



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.

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