

Description	Description Beger Shield Air-Fresh is supreme innovative technology formulated from high quality Silicone-Acrylic 100% Cross Link Technology with special polymer licence only Beger combined with Photo-Catalyst Nano Titanium Dioxide to the paint film, an environmental clean-up material that arise on the surface when the light such as daylight fluorescent lamps hit and can remove dirty organic compound such as odours Formaldehyde, Ammonia and bacteria and it improve film reaction in Cross Link Reaction for strong film and molecule of paint high penetrate in substrate for long lasting protection lifetime durability and improve peel off resistance, and good resistance to algae, fungus mildew and mold attack. Low Odour and no added lead and no added mercury. Environment friendly.																		
Properties for Use	Beger Shield Air-Fresh use as a topcoat on all surfaces such as cements, concretes, fiber cements, bricks suitable for interior works. High durability and health care.																		
Special Feature and Benefits	<ul style="list-style-type: none"> * Air Purifier: Super Oxide Anion absorption and decomposition of odor such as acetaldehyde, ammonia, hydrogen sulfide. * Deodorisation and smoke reduce: Super Oxide Anion accumulation on dust particle and combined all and falling can reduce dust and smoke in room. * Microbial Cleaner: Super Oxide Anion accumulation on body bacteria wall cell and pull off proton after that lose of proton bacteria will die. * Ion Generator: Super Oxide Anion as a Negative Ion can generate from paint film everytime with light can clean air like in forest or waterfall area. * Protect Paint Film Peeling with Cross Link Technology * Life Time Durability Protection: With innovative latex Silicone-Acrylic hybrid technology the paint film have a good durability can improve scryb resistance more than 100,000 cycles easy clean and keep color long lasting. * Ultra Hiding with Super Titanium from DuPont Ti-Pure Titanium Dioxide * Durable Weatherproofing * Low Odour and Low V.O.C. 																		
Film thickness and spreading rate	Minimum	Maximum	Typical																
* Dry film thickness (microns)	30	40	35																
* Wet turn thickness (microns)	75	100	88																
* Theoretical coverage rate (ni/U.S.Gallon/coat)	31	38	38																
Physical properties	<ul style="list-style-type: none"> * Vehical type : Silicone-Acrylic Paint * Finish : Semi-Gloss * Colour : According to the "Beger Shield Air-Fresh" * Specific Gravity : 1.30 - 1.40 * Solid by volume : 38 - 42% * Solid by weight : 52 - 55% * Dry time (@25°C, 30 mm.DFT) <ul style="list-style-type: none"> Touch Dry : 20 minutes Recoat : 2 - 4 hours Dry to handle : 2 - 4 hours * Flexibility : >65°C 																		
Application methods	<ul style="list-style-type: none"> * Tool : Brush, roller or spray gun. * Thinner : Clean water * Handling : The moisture content in the concrete should not exceed 14% (by weight). : Concrete and masonry cure at least 30 days before coating. : Application by brush, roller or spray gun dilute with 5 - 10% clean water by volume. 																		
Application System	<ul style="list-style-type: none"> * 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 0.3 mm. should be filled with acrylic sealant. Use Beger Acrylic Wall Flier #F-200 for cracks and gaps with less than 0.3 mm. width. : Surface with fungus, mold and mildew growth must be cleaned off and follow by the treatment of fungicidal wash Beger Mould Free #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. : New Masonry Substrate * Typical paint system <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">*Beger Multi-Purpose Primer #B-2100</td> <td style="text-align: right;">1 coat</td> </tr> <tr> <td>* Beger Shield Air-Fresh</td> <td style="text-align: right;">2 - 3 coats</td> </tr> <tr> <td>: Old Paint Surface</td> <td></td> </tr> <tr> <td>Beger Waterbased Contact Primer #2090</td> <td style="text-align: right;">1 coat</td> </tr> <tr> <td>* Beger Shield Air-Fresh</td> <td style="text-align: right;">2 - 3 coats</td> </tr> <tr> <td>: Previously Painted Surfaces</td> <td></td> </tr> <tr> <td>*Beger Multi-Purpose Primer #B-2010</td> <td style="text-align: right;">1 coat</td> </tr> <tr> <td>* Beger Shield Air-Fresh</td> <td style="text-align: right;">2 - 3 coats</td> </tr> </table> 			*Beger Multi-Purpose Primer #B-2100	1 coat	* Beger Shield Air-Fresh	2 - 3 coats	: Old Paint Surface		Beger Waterbased Contact Primer #2090	1 coat	* Beger Shield Air-Fresh	2 - 3 coats	: Previously Painted Surfaces		*Beger Multi-Purpose Primer #B-2010	1 coat	* Beger Shield Air-Fresh	2 - 3 coats
*Beger Multi-Purpose Primer #B-2100	1 coat																		
* Beger Shield Air-Fresh	2 - 3 coats																		
: Old Paint Surface																			
Beger Waterbased Contact Primer #2090	1 coat																		
* Beger Shield Air-Fresh	2 - 3 coats																		
: Previously Painted Surfaces																			
*Beger Multi-Purpose Primer #B-2010	1 coat																		
* Beger Shield Air-Fresh	2 - 3 coats																		
Environmentally Friendly Tips	<ul style="list-style-type: none"> : Do not mix paints for storage or disposal. Leave paint in the original container. : Do not throw liquid paint in the trash or pour it down the drain. : Small amounts of latex paint can be air-dried and disposed through your trash collection system. 																		
Storage	<ul style="list-style-type: none"> : 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 form source of heat an ignition. : Containers must be kept tightly closed. : 12 months at ambient. 																		
Health and safety	<ul style="list-style-type: none"> : Use under well ventilated conditions. : Do not breathe or inhale mist. : Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. : Eyes should be well flushed with water and medical attention sought immediately. 																		
Precaution	<ul style="list-style-type: none"> : Keep out of reach of children. 																		
Reference Standard	:-																		
Packing size	: 3.5 Liter, 9 Liter, 15 Liter																		