

PRODUCT DATA SHEET

SikaWall®-6230 Chroma Finish

High Chroma, Fade Resistant Finishes

PRODUCT DESCRIPTION

High performance colorants integrated into 100% acrylic polymer finishes formulated with advanced technology for superior fade resistance, improved long-term performance and dirt pick-up resistance.

USES

SikaWall®-6230 Chroma Finish provides enhanced protection for an aesthetically pleasing surface color and texture for Sika Facade Systems, poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms and interior veneer plaster or gypsum wallboard (Sika primer required over interior surfaces).

CHARACTERISTICS / ADVANTAGES

- Offers improved color retention compared to conventional finishes.
- Only tinted in the factory to assure the highest product quality.
- Reduces maintenance costs due to reduced need for painting 3 times more fade resistant than conventional finish.
- Anti-fade warranty.

TECHNICAL INFORMATION

Test Results

TEST	METHOD	CRITERIA	RESULT
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	<50 g/L – water and exempt solvents.
Abrasion Resistance	ASTM D968	No Cracking or loss of film integrity at 528 qt. (500L) of sand.	Finish not worn through after 725 qt. (686L) of falling sand.
Accelerated Weathering	ASTM G 23	No deleterious effects after 2000 hours.	Pass
Accelerated Weathering	ASTM G 53	No deleterious effects after 7500 hours.	Pass
Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure.	Pass
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Salt Fog Resistance	ASTM B117	No deleterious effects after 300 hours.	Pass
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi
Water Vapor Transmission	ASTM E96 Method B	Report Value	Finish with Sika Base Coat and 4oz mesh: 15.1 Perms.

PRODUCT INFORMATION

Packaging	5 gallon pail (19 liter pail)
Shelf Life	Two (2) years when properly stored in original container.
Storage Conditions	<ul style="list-style-type: none"> ▪ Protect materials during transportation to avoid physical damage. ▪ Store in a cool, dry place protected from freezing, extreme heat and direct sun. ▪ Store at no less than 40°F (4.5°C). ▪ Do not stack pallets.
Color	Available in standard and can accommodate custom matches to rich, high chroma accent colors that are typically prone to fading. All Chroma Finishes must be factory tinted.
Texture	F1.0 - 1.0 mm M1.5 - 1.5 mm R1.5 variable rilled
Volatile organic compound (VOC) content	<50 g/L – water and exempt solvents.

APPLICATION INFORMATION

Coverage	Texture	Coverage per pail
	F1.0	145 to 155 ft ² (12.5 - 14.4 m ²)
	M1.5	105 to 115 ft ² (9.8 - 10.7 m ²)
	R1.5	130 to 140 ft ² (12 - 13 m ²)

Ambient Air Temperature	<ul style="list-style-type: none">When temperatures less than 40°F (4.5°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry.Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C).
Drying Time	<ul style="list-style-type: none">Under average conditions [70 °F (21 °C), 50% Relative Humidity] finish will be dry within 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and finish thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time.Protect finish from rain or other precipitation and temperatures less than 40°F (4°C) for a minimum of 24 hours or until dry.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. If Sika Facades primer is used, ensure primer is dry to the touch prior to application of finish.

Note: SikaWall Tinte Primer is required for SikaWall®-6230 Chroma Finish R1.5.

- Concrete: allow to cure a minimum of 28 days prior to application of primer or finish.
- Unit Masonry: allow to cure prior to application of primer or finish. When needed, apply a levelling coat of base coat to provide a smooth surface and minimize the likelihood of mortar joint read through.
- Stucco: allow to cure a minimum of 6 days prior to

application of primer or finish.

MIXING

Thoroughly mix the factory prepared finish with a paddle and low speed drill to a uniform workable consistency. A thick consistency is desired; however, a small amount of clean potable water may be added to adjust workability. Do not exceed 10 oz. of water per 5-gallon pail.

- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use. Dried material can only be removed mechanically.

APPLICATION

- Apply Chroma Finish directly to the substrate or primed substrate with a clean, stainless steel trowel. Apply and level finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
- Maintain a wet edge on finish by applying and texturing continually over the wall surface. Work finish to corner, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
- Float finish to achieve final texture.

LIMITATIONS

- Does not bridge moving cracks.
- Appearance of R1.5 might vary if floated by different mechanics.
- Efflorescence of Portland cement-based substrates such as concrete, masonry units and stucco may cause staining or discoloration on the surface of applied finish. Efflorescence is neither caused nor prevented by SikaWall®-6230 Chroma Finish.

4. Do not apply Sika Facades materials to frozen surfaces.
5. The use of dark colors with light reflective values (LRV) less than 20% is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 165°F (74°C).
6. Not for use on damp surfaces, belowgrade applications or on surfaces subject to water immersion.
7. Do not use additives with SikaWall®-6230 Chroma Finish.
8. Colors may vary due to substrate, weather, job conditions, and method of application. Before applying product, a sample should be applied and allowed to cure for color approval.

Consult Sika Facades Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR

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Product Data Sheet

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