FESTER ACRITON GREEN-SHIELD FACHADAS

Eco-friendly elastomeric smooth finish waterproofing for façades and walls

Highly reflective, eco-friendly, water-based acrylic waterproofing liquid membrane formulated with 100% acrylic resins, inorganic pigments, mineral fillers, and high-performance additives. Specifically designed for application on façades and vertical surfaces. Incorporates insulating microspheres that enhance thermal resistance, contributing to a reduction in internal temperatures.

PRODUCTO CERTIFICADO ONNCCE NMX-U-125-SCFI-2016

COOL-WALL LOWER THE SURFACE TEMPERATURE

MICRO SPHERES THERMAL INSULATION EFFECT

WASHABLE HIGH DIRT PICKUP RESISTANCE

USES

- Ideal for waterproofing façades and exterior walls.
- Suitable for waterproofing or maintenance of concrete parapets, brickwork, masonry blocks, precast concrete panels, and other conventional construction substrates.
- Designed for waterproofing of adjoining or boundary walls that are not in direct contact with soil or ground surfaces.
- Can be used for the renovation of wall and façade finishes.
- Provides protection for façades and walls against solar radiation.
- Suitable for protecting thermal insulation systems applied on façades and walls.

ADVANTAGES

- Thanks to its durable whiteness and superior reflectivity, the product helps reduce indoor heat gain, leading to lower energy consumption by minimizing reliance on HVAC systems.
- Formulated with hollow microspheres and specialized additives that enhance whiteness while significantly contributing to reflectivity and thermal insulation performance.
- It helps create more comfortable indoor environments and contributes to mitigating the Urban Heat Island effect.
- Formulated with special additives that provide resistance to dirt accumulation; it is washable and offers enhanced durability against wear caused by repeated cleaning cycles.
- Effectively bridges cracks up to 0.5 mm in width without the need for patching or reinforcing mesh.
- A single product that waterproofs, protects, and decorates façades and walls.
- Low-odor formulation, as it is free from harsh substances or solvents that may cause discomfort during application.
- Retains its waterproofing performance, elongation, tensile strength, flexibility, whiteness, reflectivity, and Solar Reflectance Index (SRI) over time.
- Backed by a 10-year warranty. Contact your Fester distributor or visit www.fester.com.mx for more information.
- Its ideal consistency allows for fast and efficient application without post-application sagging or dripping.
- Resistant to saline environments and minor structural movements.
- Excellent hiding power—capable of covering dark or previously coated surfaces with just two coats.
- Resistant to mold and staining.
- Vapor-permeable, allowing trapped moisture within walls to escape without compromising the waterproofing layer.

APPLICATION PROCESS

1. Surface preparation

Thoroughly clean the surface by removing all dust, grease, oils, loose particles, and any poorly adhered or deteriorated finish residues.

If pieces of the substrate detach during cleaning or if voids are

present, these can be repaired using **Fester CM-200**, **Fester CM -200 Express**, or **Fester CM-201** to level the surface. Refer to the updated technical data sheets available at www.fester.com.mx.

For cracks larger than 0.5 mm and up to 1.5 mm, repair with **Fester Acriton Resanador** or **Fester Acriton Fachadas Rugoso**. For larger cracks, reinforcement with **Fester Acriflex** or **Fester Revoflex** mesh fabrics is recommended.

2. Surface Priming

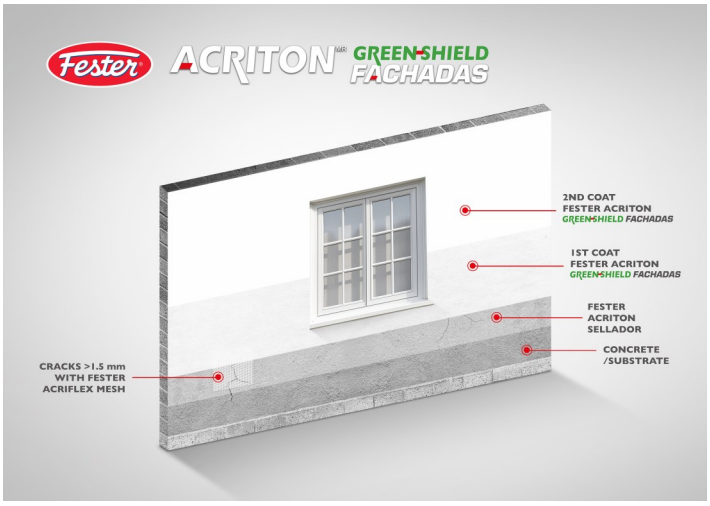
Dilute one liter of **Fester Acriton Sellador** with one liter of clean water and apply to the surface to be waterproofed using a lambswool roller, spray equipment, or brush. Allow to dry for at least 45 minutes, depending on the surface porosity and environmental conditions.

3. Application

Apply one uniform coat of undiluted Fester **Acriton Green-Shield Fachadas** at a coverage rate of 4 m²/L using a lambswool roller, brush, or spray equipment. Allow to dry for 2 to 3 hours.

Once the first coat is dry, apply a second coat using the same method and coverage rate.

One liter of **Fester Acriton Green-Shield Fachadas** covers 2 m² when applied in two coats.



YIELD

The following table provides approximate yields based on product presentation.

Yield may vary depending on the surface type, roughness, and absorbency.

Package	38 m²	76 m²	152 m²	228 m²
19 L bucket	1 piece	2 pieces	3 pieces	6 pieces

IMPORTANT INFORMATION

- Applying the recommended coverage ensures effective waterproofing performance.
- Do not use for waterproofing concrete slabs or metal roofing.
- Do not apply at temperatures below 5 °C.
- Do not apply when rain is expected or on damp surfaces.
- Do not dilute the product.

PRECAUTIONS

- Use appropriate personal protective equipment (PPE).
- Refer to the safety data sheet (SDS).
- Keep out of reach of children.
- Avoid prolonged contact with skin and eyes.
- For more information, consult the SDS at https://mysds.henkel.com/.

PACKAGING AND PRESENTATION

Packaging	19 L bucket in White
Storage	Store in a dry place, protected from direct sunlight, at temperatures between 5 °C and 35 °C.
Shelf life	24 months
Maximum stacking	Up to 3 pieces stacked

ENVIRONMENTAL PROPERTIES

Fester Acriton Green-Shield Fachadas contributes toward earning points under Sustainable Sites Credit 5 – Heat Island Reduction, as defined by the U.S. Green Building Council (USGBC) through the Leadership in Energy and Environmental Design (LEED®) rating system.

Fester Acriton Green-Shield Fachadas contributes toward earning points under Indoor Environmental Quality Credit 2 – Low Emitting Materials, as defined by the U.S. Green Building Council (USGBC) through the Leadership in Energy and Environmental Design (LEED®) rating system.

VOC content: 7.5 g/L.

CHEMICAL AND PHYSICAL PROPERTIES

PROPERTY	METHOD OR REFERENCE	SPECIFICATION
Density [g/mL]	ASTM D1475	1.25 to 1.30
Weight Solid Content [%]	ASTM D1475	49.00 to 51.00
Stormer Viscosity [KU]	ASTM D562	110 to 120
Touch-Free Time @20 mil wet film thickness [minutes]	ASTM D1640	60
Total Dry Time @20 mil wet film thickness [hours]	ASTM D1640	1.5
Elongation [%]	NMX-C-450-ONNCCE-2019	Minimum 300
Tensile Strength [psi]	NMX-C-450-ONNCCE-2019	Minimum 400
Accelerated Weathering in QUV (UV light, condensation, and spray) [horas]	NMX-C-450-ONNCCE-2019	No film failure after 3,650 hours
pH [ad]	ASTM E70	Minimum 9.0
Cold Fracture Test (Conical Mandrel @ -10 °C to 1/4 inch)	NMX-C-450-ONNCCE-2019	Meets
Solar Reflectance [%]	ASTM C1549	0.87
Thermal Emittance [ad]	ASTM C1371	0.90
Solar Reflectance Index (SRI) [ad]	ASTM E1980	110

NMX STANDARD— **U-125— SCFI-2016**	
Level or class of certification, according to the standard	**L - 1**
Solar Reflectance Index (SRI), [minimum]	111
Solar reflectance, [%]	88.1
Emittance	0.89
Contrast ratio	0.99
Fouling whiteness difference, [%]	0.2 %
Declared service life, [years]	10

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The above information, particularly the recommendations for the handling and use of our products, is based on our professional knowledge and experience. Since materials and conditions may vary with each application and are therefore beyond our sphere of control, we strongly recommend conducting sufficient tests to verify the suitability of our products for the intended application method and use. Legal liability cannot be accepted based on the contents of this technical data sheet or any verbal advice given, unless there is evidence of willful misconduct or gross negligence on our part. This technical data sheet replaces all previous relevant editions for this product and should be supplemented with the information contained in the corresponding Safety Data Sheet, which is recommended to be consulted prior to product application.

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