



# FESTALUM

Protective coating with high reflectivity aluminum finish

ASTM D-2824-94 Type I Compliant for non-fibered coatings

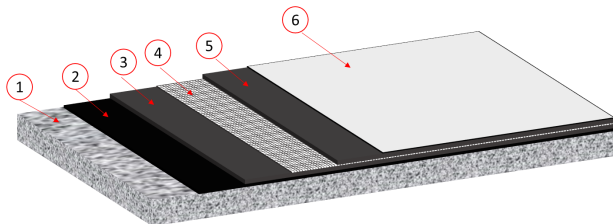
## USES

- As protective, reflective coating in asphalt waterproofing systems.
- As an anti-corrosive coating on metal surfaces including:
  - Sheet metal roofs.
  - Pipelines and
  - Tanks, where abrasion and solvent resistance is not required.

## ADVANTAGES

- Festalum's aluminum flake pigment provides a glossy silver finish, which reduces heat transmission and degradation caused by ultraviolet light on waterproof layers. Its reflective properties of greater than 80% prevent deterioration and significantly prolongs useful life of waterproofing systems.
- Contains no toluene, making it environmentally friendly.
- Provides effective protection against corrosion.
- Easy and fast application with brush or spreader.
- The extraordinary area coverage per unit of volume saves money.
- Does not require heating before application.
- Once dry Festalum completely non-flammable

## INSTRUCCIONES DE APLICACIÓN



- |   |   |
|---|---|
| 1.- Substrate                             | 4.- Reinforcement Membrane                            |
| 2.- Primer                                | 5.- Secondary Waterproof Coating (1L/m <sup>2</sup> ) |
| 3.- Primary Coating (1 L/m <sup>2</sup> ) | 6.- Festalum (6-8 m <sup>2</sup> /L)                  |



### 1. Surface preparation

Allow the final layer of the waterproofing system to dry for seven days. Clean surface with a damp cloth to remove any oil, loose particles, dust, and salt sediments that may have accumulated during drying of the asphalt waterproofing system.

For metal surfaces, any rust should be removed with a wire brush, making sure to remove any dust produced.

### 2. Application

Mix Festalum before and during application. This is important in order to prevent the aluminum flake pigment from settling to the bottom of the container and ensure a uniform finish.

Application is performed using a hand brush or soft hair brush, extending a uniform layer of Festalum at a rate of 1 liter undiluted for every 7 m<sup>2</sup> to be coated.

Under sunny conditions, Festalum dries to the touch in 60 minutes and dries completely in 6 hours.



YIELD

Festalum yields 6 to 8 m<sup>2</sup> / L in one coat.

IMPORTANT INFORMATION

BASIC RULES FOR EFFECTIVE WATERPROOFING:

- 1.- Read instructions carefully.
- 2.- Prepare surface as the recommendations.
- 3.- Reinforce critical areas.
- 4.- Observe drying times in accord with weather conditions.
- 5.- Perform preventive maintenance.
- 6.- Follow recommendations for coverage yields. Never try to extend yield by thinning waterproof layers.
- Do not use on areas subject to continuous foot traffic.
- Incompatible with Microlastic Waterproofing Systems.
- Do not apply to wet surfaces.
- Do not dilute with any solvent or mix with other products.

PRECAUTIONS

- During application, use recommended personal protection equipment (goggles or sunglasses providing UV protection, and proper gloves and mask. Consult safety data sheet for additional details.
- Proper precautions must be taken, as this product contains chemicals and solvents that pose health risks when inhaled or in contact with skin. These risks include skin lesions, dry skin, allergies, and other health complications.
- Do not apply or store near open flames or other ignition sources.

PACKAGING

CONTAINER	Bottle 4 L Bucket 19 L
STORAGE	Store in original closed container in a cool, dry place out of direct sunlight. Festalum retains its properties for 18 months. Do not use open sources of flame near containers.
SHELF LIFE	1 year, and 6 months
MAXIMUM STACKING	Bottle 4 L      Stack of 8 units Bucket 19 L      Stack of 5 units

ECOLOGICAL PROPERTIES

Festalum contributes to increase the demand for locally produced construction materials and products, thereby reducing environmental impact of shipping.

Production Site: Carretera Panamericana Km 312. Tramo Libre Celaya-Salamanca, Gto. CP. 36700



PHYSICAL PROPERTIES

TEST	STANDARD	SPECIFICATION
COLOR	-----	Glossy silver
FUMES	-----	solvent
TOXICITY	-----	From prolonged inhalation and/or Ingestion
DENSITY [g/cm <sup>3</sup> ]	D- 1475-90	0.93 – 0.98
NON-VOLATILE MATERIAL WEIGHT [%]	D-2824-94	43 – 48
LIGHT REFLECTANCE MINIMUM [%]	D- 2824-94	80
FLASH POINT [°C]	D-92-90	32°C
Dry to touch* [MINUTES] (10 Mills wet)	D-1640-95	60 minimum
Fully dry [hours] * (10 mils wet)	D-1640-95	6.0 maximum
WASHABILITY, CYCLES	D-3450-94	700 minimum
900 HOURS ACCELERATED WEATHERING WITHOUT FADING OR CRACKING	D-4799-93/A	Meets

Test conditions established in ASTM Method: T=25° C, RH=50%.

The data included were obtained under laboratory conditions. Festalum satisfactorily meets the specifications indicated.



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