

Product code:

579-001: part A

579-002: part B

General description: Two-component, high solids and high-build epoxy novolac lining.

Product Features:

- Superior resistance to chemicals, acids and alkali. Designed for application at a relatively high humidity without blushing.
- Suitable for application in highly corrosive heavy industry environment and contact with chemicals.

Recommended Uses:

- Used for application on interiors of storages containers of crude oil, various hydrocarbons, thinners, sea water, process water, sewage, hot water. Resistant to high temperatures, etc. (continuous process at 120°C and brief peaks up to 150°C) (dry environment).
- Suitable for coating concrete surfaces attended for random chemicals contact.

Technical Data:

Shade: Grey, additional colors available upon request

Gloss at 60°: Silk

Solids percentage in volume: 82±2%

d.f.t. per coat: 100-200 micron

Calculated coverage per coat* (sqm./liter): 4.1-8.2 – in the above thicknesses

Recommended thinner: Thinner 4-100

Mixing ratio by volume: part A:part B = 4:1

Shelf life:** 24 months

Drying times (hours):

Drying method	25° C
Dry to touch	2
Hard Dry	8
Minimum interval between coats	12
Maximum interval between coats	24

Pot life after mixing (hours):

	25 ^o C
time	2

Surface preparation and system recommendation:

Steel: Area should be blasted to Sa-2.5 Swedish Standard, and roughness to a depth of at least 60 microns. The painted surface should be free of dirt, oil, grease, dust and any other foreign matter.

Apply Tamaguard Holding Primer to 60-80 microns, followed by 1-2 coats of Tamaguard EN80. **Do not exceed 200 microns per coat. The total film thickness should not exceed 480 microns.**

Concrete: Remove all dust and dirt. Remove grease using detergents and rinse thoroughly with tap water, until a neutral surface is obtained. Ascertain that the surface is rough (a depth of 200 microns at least), until original, stable concrete surface is obtained. Cure fresh concrete for 28 days at least. It is recommended to rinse the concrete surface with water at a pressure of 150 atmospheres at least to remove salts and then allow to dry for 48 hours. Ascertain that surface pH ranges from 6 to 10. Apply 200 mic. d.f.t Epicatalac SL followed by 1-2 coats of Tamaguard EN80.

Application:

Painting method	Inlet pressure atmospheres	Spraying pressure PSI	Nozzle diameter	Recommended percentage thinning with Thinner 4-100
Brush/roller			-	5-10%
Airless spraying with a compression rate of at least 1:35	4-5	2250-3000	0.017" - 0.025"	0-5%

* Before painting mix Part A and Part B separately and bring to uniformity. Do not leave sediment at the bottom of the packaging. Pour Part B in to Part A slowly and stir to uniformity with air mixer only for at least 1 minute until full uniformity.

Thinner 4-100 may be added as recommended in the table above.

Thinner for Cleanup:

Thinner 4-100.

Notes regarding painting:

Ensure appropriate ventilation conditions. Application shall be done in a temperature of above 5° C. Maximum metal temperature 35°C. Maximum product temperature before spraying: 30°C. Maximum permissible humidity up to 85%. Do not apply at temperatures lower than 3°C above dew point.

Cautions

Application and use of the product should be done in accordance with the Israeli Safety, Health and Environmental regulations. Read the safety instructions and warnings on the safety data sheet – which may be obtained from the Tambour Safety Department – Phone: 04-9877483 and on the product label.

Keep away from fire and sparks. Non-edible. Allow adequate ventilation of the workplace. When spraying do not inhale fumes. Use appropriate protective measures, refer to the Safety Data Sheet.

General notes:

The data presented are based on experience and knowledge accumulated over the years. We reserve the right to update and/or change it without notice. Obtaining the desired results is contingent upon correct product application while adhering to instructions of use. Please ensure you check before applying the product that it is indeed designed for the intended usage and that the surfaces to be painted are properly prepared to apply the product.

For additional information call Tambour's professional hotline: *6477

* Actual coverage depends on several factors: the surface, the application method, paint's shades, the painter's skill and weather conditions at the site. It is customary to assume that it accounts for about 75% of the calculated coverage.

** At 25°C and 65% relative humidity.