

Eurotaff Epoxi 735

Description

Two component, solvent-free, gloss finish aliphatic amine epoxy varnish.

Uses

Especially indicated for a protective and decorative finish in coloured quartz systems for indoor concrete pavements in car parks, industry in general, canning industries, hospitals, shops, etc.

General Technical Properties

- Solvent free, 100% solids product
- Uniform and very transparent finish
- High resistance to yellowing
- Self-levelling properties
- Resistant to splashes and intermittent spills of chemical products
- High resistance to scratching, abrasion and wear
- Washable, even with detergents
- Quickly into service

Specification

Appearance:	Gloss
Colour:	Colourless
Volume of solids:	100%
Yield:	300 to 400 grams / m ² Specific weight: 1.145 +/- 0.020 Kilos / Litre
Dry to the touch:	8 hours at 20° C and 60% relative humidity
Time to service:	48 hours for people, 72 hours for light vehicles, 7 days for full use
Flash point:	> 100° C
VOCs:	Complies with Directive 2004/42/EC (RD 22/2006) Appendix I subcategory j): 2.2 g/l (500 g/l maximum as from 01.01.2010).

Catalyser: CATALYSER EUROTAFF EP 735

Mix ratio: 2: 1 by volume
Pot life: 30 – 40 minutes at 20° C
Induction time: 5 minutes at 20° C
Tools: Spatula with rubber lip
Dilution: 0%
Thinner and cleaning: Epoxy thinner

Thickness: 300 – 500 microns
Interval between layers: Minimum: 24 hours at 20° C
Maximum: 72 hours at 20° C

Climate conditions: Apply at temperatures above + 10° C and relative humidity below 80%. The temperature of the paint and the surface must be above this limit.

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Surface preparation and recommended procedure

Green concrete application:

Allow the concrete to cure completely. Eliminate any curing slurry, efflorescence and other contaminants using mechanical processes.

Sealing: Apply a layer by roller of **EUROTAFF EP 700** or **EUROTAFF EP 703** (optional)

Puttying: Treatment of cracks and joints with no movement with 20 fibreglass bands adhered using **EUROTAFF EP 770**

Sealing layer: Using a flat trowel, apply a layer of **EUROTAFF EP 730** or **EUROTAFF EP 731** mixed with 1 kilo of resin and 1 / 1.5 of silica mixture. 20 – 30 minutes later, sprinkle silica until saturated. After 12 hours, aspirate the silica

Regularization: Using a flat trowel, apply a second layer of **EUROTAFF EP 730** or **EUROTAFF EP 731** mixed with silica sand 1 kilo of resin with 1 / 1.5 mixture of coloured silica (coloured quartz) 0.2 – 0.4 in size. After 20 – 30 minutes, sprinkle coloured silica until saturated (coloured quartz) 0.2 – 0.4 in size. After 12 hours at 20° C, aspirate the non-compacted quartz.

Finishing: Using a rubber trowel, apply a layer of **EUROTAFF EP 735**

Restoration and maintenance

If already applied product is not in desired condition, remove it completely with mechanical processes or manually. Make any cracks or cavities, etc., sound until reaching a firm base. Impregnate the areas made sound with **EUROTAFF EP 700** applied using a heavy bristle paintbrush until saturated. When still fresh, fill with the mortar prepared with **EUROTAFF EP 730** mixed with fine or coarse silica free of any irregularities. Leave to dry for 6 – 8 hours at 20° C. Continue as in the section for new surfaces. Mix the two components using a low-speed stirrer. If applied at high temperatures, the pot life of the mixture can be substantially reduced. The drying and hardening times will depend on the temperature and atmospheric humidity during the application. Consult of Technical Department for treating pavements that are not made of concrete. Keep the containers away from frost and out of direct sunlight.

Safety Instructions

The containers bear the relevant security labels, the indications of which must be observed. Furthermore, national and local legal requirements must be followed. Do not inhale the solvent vapours and avoid contact of the liquid paint with the skin or eyes. If applied in closed spaces, provide forced ventilation. Use personal protection equipment.

Packing

4 and 10 kg cans.