

Eurotaff Epoxy 703

Description

Two component, transparent, solvent free, adduct epoxy primer.

Application

Indicated for sealing and consolidating indoor and outdoor concrete surfaces in pavements, troughs, pillars, etc.

General technical properties

- Solvent free, 100% solids product
- Penetrates by capillary action
- Applicable to concrete with a high humidity level
- Increases and improves the mechanical strength of concrete
- Reduces humidity due to capillary action
- Base layer for epoxy or polyurethane systems

Specifications

Appearance:	Glossy
Colour:	Colourless
Volume of solids:	100%
Yield:	3.5 – 4.5 m ² / kilo at 200 microns
Specific weight:	1.140 +/- 0.020 Kilos/ Litre
Dry to the touch:	24 hours at 20° C and 60% relative humidity
Flash point:	135° C
Complies with Directive 2004/42/EC (RD 22/2006) Appendix I subcategory j:	21.5 g/l (500 g/l maximum as from 01.01.2010).
Catalyser:	CATALYSER EUROTaff EP 703
Mix ratio:	1.5 to 1 by volume
Pot life:	2 hours at 20° C Method: Roller; brush
Dilution:	0 – 5%
Thinner and cleaning:	Epoxy thinner
Thickness:	200 – 300 microns
Interval between layers:	Minimum: 24 – 48 hours at 20° C Maximum: 72 hours at 20° C

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 of EUROTAFF EP 703. Allow to dry for 24 hours at 20° C.

Finish: Continue with the specified EUROTAFF EP system.

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. Allow to dry for 6 – 8 hours at 20° C.

Sealing: Apply a layer of EUROTAFF EP 703. Allow to dry for 24 hours at 20° C.

Finish: Continue with the specified EUROTAFF epoxy system.

Observation

Mix the two components using a low-speed stirrer. 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 instruction

The containers bear the relevant security labels, the indications of which must be observed. Furthermore, national or 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 protective equipment.

Packing

10 and 4-kg containers.