

Eurotaff Epoxy 730

Description

Mortar based on a three component, solvent free, adduct epoxy resin.

Uses

- Repairing and filling cracks, flaking, construction joints, cavities and irregularities in concrete.
- Base or regulation layer in epoxy systems with flat, multi-layer or self-levelling finishes.

Specification

- Solvent free, 100% solids product
- Good adherence to concrete
- Good impact, friction and abrasion strength
- Quick drying, allows short intervals between layers
- No shrinking
- Quickly into service

Appearance:	Matte
Colour:	Colourless
Volume of solids:	100%
Yield:	0.700 – 1.500 kilos / m ² (mixture 1: 1 with SILICA)
Specific weight:	1.100 +/- 0.020 Kilos / Litre
Dry to the touch:	6 hours at 20° C and 60% relative humidity.
Time to service:	12 hours human traffic, 48 hours for light vehicles, 7 days for full service
Flash point:	Non-flammable
VOCs:	Complies with Directive 2004/42/EC (RD 22/2006) Appendix I subcategory j): 4.5 g/l (500 g/l maximum as from 01.01.2010).

Catalyser:	catalyser EUROTAFF EP 730
Mix ratio:	7 to 3 by weight
Mixture with silica:	1 kilo of resin + hardener mixture / 1 – 1.5 Silica
Pot life:	30 minutes at 20° C
Tools:	Trowel
Dilution:	0 – 5%
Thinner and cleaning:	Epoxy thinner

Thickness:	700 to 1500 microns
Interval between layers:	Minimum: 6 hours at 20° C Maximum: 15 days 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.

Eurotaff Epoxy 730

Surface preparation and application

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 700** or **EUROTAFF EP 703**. Allow to dry. (Optional)

Smoothing coat: Using a trowel, apply a thin layer of **EUROTAFF EP 730** mixing 1 kilo of resin with 1 / 1.5 kilos of silica mixture. After 20 – 30 minutes, sprinkle silica until saturated. Sweep 12 hours later and aspirate the non-compacted silica and sand down any peaks.

Finishing coat: Continue by applying the selected system (paint, protection + reinforcement, multi-layer, coloured quartz or self-levelling layer).

If applied product is not meeting desired standard condition, remove it completely with mechanical or manually. Make any cracks or cavities 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. Continue as above mentioned for new concrete pavements.

Technical support

Mix two components using a low-speed (350-500 rpm) paddled mixer. Consult technical department for treating pavements that are not made of concrete. Keep the containers away from frost and exposed to 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

4 and 10 kg cans.