

## DESCRIPTION

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

## RECOMMENDED USE

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

## GENERAL TECHNICAL PROPERTIES

- 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

## TECHNICAL DATA

Appearance:	Matte
Colour:	Colourless
Volume of solids:	100%
Yield:	0.700 – 1.500 kilos / m <sup>2</sup> (mixture 1 : 1 with <b>SILICA</b> ) Specific weight: 1.100 +/- 0.020
Kilos / Litre	
Dry to the touch:	6 hours at 20° C and 60% relative humidity. Put into service: 12 hours personas 48 hours for light vehicles 7 days for full use
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).

## APPLICATION

Catalyser:	<b>CATALYSER EUROTAFF EP 730</b>
Mix ratio:	7 to 3 by weight
Mixture with silica:	1 kilo of resin + hardener mixture / 1 – 1.5 <b>SILICA</b>
Pot life:	30 minutes at 20° C Method: Trowel
Dilution:	0 – 5%
Thinner and cleaning:	<b>EPOXY THINNER</b>
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.



## SURFACE PREPARATION AND RECOMMEND SCHEME

### NEW CONCRETE PAVEMENTS:

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).

### RESTORATION AND MAINTENANCE:

If the applied product is in bad condition, remove 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.

Continue as in the above section for new concrete pavements.

## OBSERVATIONS

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 exposed to direct sunlight.

## SECURITY

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.

## PRESENTATION

10 and 4-kg containers.

## EDITION

1/2012

