

# Eurotaff Epoxy 720

## Description

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

## Recommended Uses

Especially indicated for a continuous, great thickness, protective and decorative coating finish for indoor concrete pavements in car parks, food industries, chemical industries, canning industries, hospitals, workshops, etc.

## General Technical Data

- Solvent free, 100% solids product
- Flat and uniform finish
- Self-levelling
- Completely waterproof
- High chemical strength
- High abrasion and wear resistance
- Continuous and without any joints
- Quickly put into service

## Specifications

<b>Appearance:</b>	Gloss
<b>Colour:</b>	White, EUROTAFF EPOXY colour chart
<b>Volume of solids:</b>	100%
<b>Yield:</b>	1 kilo / m2 and millimetre thickness.
<b>Specific weight:</b>	1.400 +/- 0.020 Kilos / Litre
<b>Dry to the touch:</b>	6 hours at 20° C and 60) relative humidity.
<b>Put into service:</b>	48 hours for Human traffic, 72 hours for light vehicles, 7 days for full service
<b>Flash point:</b>	Non-flammable
<b>VOCs:</b>	Complies with Directive 2004/42/EC (RD 22/2006) Appendix I subcategory j): 47.8 g/l (500 g/l maximum as from 01.01.2010).
<b>Catalyser:</b>	Catalyser <b>EUROTAFF EP 720</b>
<b>Mix ratio:</b>	2.5 to 1 by volume
<b>Pot life:</b>	40 - 60 minutes at 20° C.
<b>Induction time:</b>	5 minutes at 20° C
<b>Tools:</b>	Trowel
<b>Dilution:</b>	Do not dilute
<b>Cleaning:</b>	Epoxy thinner
<b>Thickness:</b>	1000 – 3000 microns
<b>Interval between layers:</b>	Minimum: 24 hours at 20° C Maximum: 72 hours at 20° C
<b>Conditions:</b>	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 pavement:

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.

**Repairs:** Fill in joints, cavities and cracks with **EUROTAFF EP 770**. Allow to dry.

**Finish:** Apply a layer of **EUROTAFF EP 720** mixed with SILICA as per specification.

## 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:** Apply a layer of **EUROTAFF EP 720**, mixed with **SILICA** as per specification.

## Observation

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. If the maximum interval for applying another layer has elapsed, the surface must be roughed over to provide adherence for the next layer. 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

10 and 5-kg containers.