

DCS 2K 400



DESCRIPTION

Epoxy-base, bi-component adhesive, for tiles with carbon fibers.

CHARACTERISTICS

DCS 2K 400 is a bi-component, epoxy adhesive in form of a paste.

- Ensures high adhesion with the support.
- Excellent strength and increase of resistances in compression and flexion.
- The product is classified as a structural bonding agent for outdoor concrete reinforcement, according to EN 1504 - 4.

RECOMMENDATIONS FOR USE

DCS 2K 400 is used for the adhesion of carbon tiles, for the structural reinforcements of building structural elements in systems (F.R.P).

SURFACE PREPARATION

The surface must be:

- Chemical, sufficiently strong and stable.
- Free of materials that might prevent adhesion, such as dust, loose particles, grease or oil, etc.
- It is recommended to treat the surface mechanically by roughening it.
- If there are cracks in the concrete, they should be repaired by injection, using materials like EPODUR.
- The substrate should be as flat as possible.
- Damaged areas should be repaired using DCS 2K LEVEL.

TECHNICAL DATA

Baze:	Epoxy resin
Form:	Paste
Colour:	Grey
Density:	1.55 Kg/lt
Pot life:	60 min
Adhesion strength:	20 N/mm ²
Module of elasticity:	10 N/mm ²

PRODUCT PREPARATION

Components A and B are packaged in two separate containers, in predetermined mixing ratio by weight. Mix thoroughly the entire amount of component A with the entire amount of component B. The components should be stirred for about 5 minutes with an adequate mixer.

APPLICATION

After mixing, DCS 2K 400 is applied on the surface through a screed or brush. Then, carbon fiber fabrics are set, and on them is exerted pressure through a dry plastic roller, in order to release the air that is between the concrete and carbonate tile.

STORAGE

12 months after date of production, if stored in unopened and original packaging, protected from direct exposure to sun and frost.

CONSUMPTION

1.5- 2.0 Kg/m² for 1mm thickness

PACKAGING

15 Kg(comp. A) and 5 Kg (comp. B) plastic buckets

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

