EPOXY COAT NF

cod. IW-EPOXY COAT NF

Two-component epoxy priming coat

DESCRIPTION

EPOXY COAT NF is a two-component epoxy formulation composed of solvent-free epoxy resins.
EPOXY COAT ideal for low thickness coats and for the preparation of surfaces with sand quartz.
It is applicable on concrete, screeds, tiles, mdf and metal

FEATURES

- Easy to use
- High mechanical resistances
- Great workability
- Excellent adhesion to any substrate: concrete, sand cement screeds, self-leveling stone, metal, mdf etc...

FIELDS OF USE

- As a consolidating coating for substrates with and without mesh.
- Used with sand quartz of suitable size as a priming coat for Microtopping®, Architop®, Lixio® and Lixio®+, Solidro (Epoxy-Cycle)
- For the execution of epoxy screeds with added quartz.

APPLICATION

SURFACES PREPARATION

The substrate must be dry with a moisture content of not more than 4%.
In the presence of evaporation from the slab, BARRIERA CEM must be previously applied to create a chemical vapour barrier.
Applications on concrete can only be carried out after complete curing of the substrate or after application of BARRIERA CEM.
The substrate must be clean, free of dust, loose particles, cement grout and pollutants, it must be prepared as for sandblasting, polishing, grinding or sanding and then carefully vacuumed and cleaned.

MIXING THE MATERIAL

EPOXY COAT NF is a bi-component product supplied in pre-dosed packs. Add component B to component A (13: 100), mix thoroughly at low speed for 3-5 minutes, scraping the walls and the bottom of the bucket to obtain a complete mixture. To make coatings add up to 10% of quartz 0.1 - 0.5 mm to the mix. For a better workability add X100 solvent up to 5%.

APPLICATION PROCEDURE

- Apply the mixture evenly with an American spatula.
- For the execution of primers, broadcast quartz (size depends on system used) over the entire

surface.
- Wait until completely hardened (12-24 hours, depending on the climatic conditions) and remove the excess quartz (can be recycled). Sand and vacuum.

If necessary, apply a 2nd coat by repeating the same procedure.

TECHNICAL DATA

After mixing the two components, the catalysis reaction that leads to hardening of the product starts immediately.
The temperature of support must be no less than 3 ° higher than dew point
The time available for using EPOXY COAT NF is shortened with increasing temperature.

Pot life at 20°	25-30 min
Hardening at 20°	12 Hours
Operating temperature	10° - 30 °(air. Material, support)
Relative Humidity	< 80%
Pull-off (7days 23°)	>2,4 N/mm^2 on dry concrete

COVERAGE

The mixing ratio comp. must be maintained. A + Comp. B = 100 + 13.
Consumption may depend on substrate, methods of application and the possible use of fiberglass mesh.
Consumption with 10% quartz 0,1-0,5: 0,7 kg/m^2
Consumption with 10% quartz 0,1-0,5+ 70g/m^2 mesh: 0,8 kg/m^2

PACKAGING / STORAGE / DISPOSAL

Packaging A + B = 22,60 Kg. The product can be kept for at least one year in the original sealed container at a temperature between +10°C and +30°C.

WARNING

Under high temperature conditions, the mixed compound stored in a metal container can cause the development of vapours. The phenomenon is not a problem but it is recommended to strictly prepare only the necessary quantity.
Epoxy resins can cause irritation; avoid contact with skin and eyes. In case of contact, wash with plenty of water for 10/15 min and consult a doctor. Do not use solvent.
Always wear gloves, protective suit and goggles.
In the case of prolonged use of epoxy resins, the use of a protective cream such as Turexan is recommended.
To clean tools use solvents such as X100, acetone, alcohol, toluene, trichlorethylene or others.
Do not reuse emptied containers.

IMPORTANT

The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is not used in accord with its instructions. The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is performed even partially in contrast with these guidelines or with products not covered by them.

The manufacturer also declines any responsibility for the aesthetic aspect of the flooring which depends on the installation methods, working times and climatic conditions of the site. The applicator must take these into account when scheduling and applying the materials supplied by the manufacturer.

The applicator notes that Ideal Work is in no way responsible for the suitability of the solution chosen in relation to:

A) Substrate suitability, climatic conditions or any other external parameter which may affect the performance of the Ideal Work products being used.

B) The stresses to which Ideal Work products may be put under operation.

It also notes that the indications provided by Ideal Work in its technical documentation are to be considered a necessary condition but do not in any way relieve the contractor of the responsibilities and technical evaluations of the applicator. The data can be changed at any time. Also note that the products are intended for professional use only.