SELF LEVELLING EPOXY FLOOR HVND-85

TECHNICAL CHARACTERISTICS

Shade:	White, Grey, shades
Density (A+B):	1.40 - 1,60 gr/cm3
Ratio (A:B):	4Kg A with 1Kg B
Pot life:	30-50 min
Recoating (*):	24-36h
Light foot traffic (*):	1-2 days
Full hardening:	7days
Spreading rate:	250-300 gr/m² per coat
Dilution:	Ready to use

(*) The exact time depends on the temperature and relative humidity prevailing during application and drying.

GENERAL CHARACTERISTICS

SELF LEVELLING EPOXY FLOOR HVND-85 is a two-component epoxy coating without solvents for horizontal floor surfaces, with high hardness, high resistance to abrasion and chemicals (acids, alkalis, oils, grease, etc.). Creates a colored finish that is easy to clean without joints. Ideal for floors in factories, workshops, stores, warehouses, garages, workshops and generally for floors where high mechanical and chemical resistance is needed.

CHARACTERISTICS

- Strong adhesion
- Perfect floor protection
- High mechanical and chemical resistance
- Self-leveling
- No solvents

USES

Ideal for surfaces of:

- Concrete
- Industrial flooring
- Epoxy flooring

TOOLS CLEANING

While working, keep the tools "wet" in the container or in the paint bucket. Drain off the paint well from tools into the container and clean them with Nitro or Epoxy Thinner.

RESTRICTIONS

- Do not apply at temperatures below 5°C or above 35°C.
- Do not apply when the air relative humidity is higher than 70%.
- It must be applied at least 4 weeks after the new concrete is applied.
- The freshly painted surface should be protected from cold and humidity for at least 24hr.

SURFACE PREPARATION

- It is applied on dry, clean surfaces free from dust, oils and loose materials that prevent adhesion.
- The moisture of the substrate should not be more than 4% and be protected damp.
- The concrete substrate must be stable with sufficient compressive strength > 25 N/mm2 and tensile strength > 1.5 N/mm2.
- The substrate must be at least 3 °C above the dew point to reduce the risk of condensation or bubbles at the coating finish.
- Priming of the surface (if required) with **SUPER FLOOR EPOXY PRIMER** in one coat (two coats are required in cases of substrates with increased porosity).
- Cracks and holes are filled with epoxy putty or a mixture of **SELF LEVELLING EPOXY FLOOR HVND-85** and quartz sand in a ratio of 1: 3 by weight.

APPLICATION

- Stir component A with component B with a low speed stirrer for 2-3 minutes. Then leave the mixture for 30sec and then repeat the stirring for another 1 minute.
- Caution! The entire amount of A to B component must be stirred in the proportion given in each set. If a smaller amount of final product is to be applied then weighing the ingredients in the same weight ratio is required.
- Care should also be taken not to leave the final material (A + B) in the container for more than 30-50 min without working because the material will start to coagulate and it will be impossible to work afterwards.
- Apply **SELF LEVELLING EPOXY FLOOR HVND-85** in two coats controlling the maximum recoating intervals. If the maximum recoating time is exceeded, the surface should be 'roughened' to ensure good adhesion.
- If you want a non-slip surface, apply quartz sand in half of coating's drying time.

STORAGE

One year in closed container, at temperatures between 5°C - 35 °C.

VOC CATEGORY

Product of Category A/j (SB) "Two-pack reactive performance coatings for specific end use such as floors" of European Directive 2004/42 / EC. Category VOC limit value: 500gr/lt. The maximum VOC content of the ready-to-use product is <499gr/lt.

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