



CORPRO 1000

PRODUCT DESCRIPTION

Corpro 1000 is based on solventless epoxy system & chrome slag & is non-slip.

PRODUCT FEATURES

Corpro 1000 Non-slip displays:

- *Exceptional adhesion
- *Chemical resistance
- *Hard wearing surface
- *Suitable end-uses: Stair treads

- Stair nosing
- Workshop floors
- Change house floors
- Shower floors

TECHNICAL INFORMATION

- Colour: Black
- Appearance: Hard granular finish
- Generic type: Epoxy /Cyclo-aliphatic amine cured
- Viscosity: Solid granules
- Spreading rate: ±0.25m² per kg
- Solvent: None
- Volume solids: 100%
- Recommended thickness: 5mm minimum
- Mix ratio: 20 parts A, 1 part B by weight
- Packaging: 1kg twin pack – 950g Base & 50g Curing agent

SURFACE PREPARATION

Steel:

Degrease substrate prior to abrasive blasting to SA 2.5 with a profile of 50 – 75 microns. Then apply Corpro 1000 Non-slip directly onto the steel.

Concrete & Masonry substrates:

Allow new concrete to cure for at least 21 days at 25°C. Ideally flash abrasive blast, but where this is not possible, chemically etch the floor & rinse thoroughly with fresh water. Allow to dry for 2 days at 25°C. Once dry, apply 1 coat Corpro 300 & while this is still wet, apply the Corpro 1000.

APPLICATION

Mix Base component (A) thoroughly before adding Curing agent (B). After adding Base & curing agent together, mix thoroughly. This is a chemical curing system & the mixing is very important. Insufficient mixing can result in product failure. After mixing, apply with a clean trowel. Work the product to obtain a compacted final result. On some substrates, it may be necessary to apply a primer coat of Corpro 300. Where this is necessary, apply the Corpro 300 & while still wet, apply the Corpro 1000 Non-slip. Under no circumstances is Corpro 1000 Non-slip to be diluted. Use Epoxy Thinners for clean up only.

ENVIRONMENT

It is recommended that application be confined to the following:

- Surface temperature: Min. 10°C Max. 40°C
- Ambient temperature: Min. 10°C Max. 40°C
- Relative humidity: Min. 0% Max. 90%
- Or at least 3°C above Dew point

DRYING TIME

| Substrate Temp | Touch Dry | Hard Dry |
|----------------|-----------|----------|
| 10°C | 48 hours | 4 days |
| 15°C | 24 hours | 2 days |
| 20°C | 18 hours | 24 hours |
| 25°C | 6 hours | 12 hours |
| 30°C | 4 hours | 10 hours |

Full cure at 25°C: 7 days
Sustained temperatures below 15°C will extend the full cure to 21 days. If required during winter, an accelerator can be added to speed up the reaction, but this will reduce the pot life dramatically.

OVERCOATING TIMES

It is not recommended to over coat Corpro 1000 with Corpro 1000. Patch repair where necessary by grinding back to the substrate & apply fresh product.

POT LIFE

- Figures given are related to 1kg of mixed Base & Curing agent
- 10°C 18 hours
- 15°C 12 hours
- 20°C 6 hours
- 25°C 2 hours
- 30°C Less than 1 hour

STORAGE AND HANDLING

Store away from direct sunlight & severe cold. Ideal storage temperatures are above 10°C and below 40°C.
Shelf life: 2 years in original sealed containers.
Flash point: Above 250°C

LIMITATIONS

Corpro 1000 will chalk in direct sunlight & it is therefore necessary to apply a thin film of Corpro 800 for exterior applications.

SAFETY PRECAUTIONS

Work with PVC gloves & safety glasses when using Corpro 1000 Non-slip.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
 Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
 It is not to be considered a guarantee of the products properties.
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