

Epoxycover 150

Self-levelling transparent epoxy coating

Bi-component coating consisting of epoxy resin, cycloaliphatic hardener and additives to be used as protective finish on cement, epoxy and acrylic surfaces. **EPOXYCOVER 150** is especially suitable for covering decorated floors, providing them with a gloss and shiny effect. The product is solvent-free.



Features (test conditions: 23°C and 50% R.H.)

	Component A	Component B
Appearance	Fluid liquid	Fluid liquid
Colour	Transparent	Transparent
Mixing ratio (by weight)	64	36
Hazard class	irritating	harmful
Density	1.12 g/cm ³	1.02 g/cm ³
Solid residue A+B	100%	
Density of mixed product	1.06 g/cm ³	
Workability time (pot-life)	25 min.	
Viscosity A+B	600-800 [mPa·s]	
Set to light foot traffic	After 36 hours	
Complete hardening	After 7 days	
Abrasion resistance- Taber abrasion test (H22 wheel-1000rpm-1000g):	0.6 g weight loss	
Shore-D surface hardness	80	
Cohesive resistance on concrete	≥ 3N/mm ²	
Gloss	80 gloss (60°)	



Uses

- Protective and decorative varnish with thickness between 1 mm and 3 mm for floorings in shops, offices and exhibition centres.
- Transparent finish for trowelled **DECO BN** floorings.

Application

Preparation of surfaces

EPOXYCOVER 150 is generally applied on epoxy or cement surfaces, it is therefore necessary to make sure that these are completely cured. Surfaces suitable for **EPOXYCOVER 150** coating must be sturdy, compact, clean and dry.

Remove any traces of greases, oil and dust before applying the product.

Rules to be observed during product preparation and application

EPOXYCOVER 150 is harmful and irritates the skin: always wear protective gloves and eyewear when mixing and applying the product. In case of contact with the eyes, immediately and repeatedly wash with a jet of water and visit the first-aid post. Always ventilate the room during product preparation and application.

Cleaning

Tools are easily cleaned with nitro solvent or ethyl alcohol within one hour from product preparation.

Preparation and spreading of mix

Stir the two components separately, then pour component B into component A and mix carefully for 3 minutes with suitable tool until a uniform mix is obtained.

Apply **EPOXYCOVER 150** by casting, however, a metal spatula is best used so as to have a regular thickness and a uniform and smooth surface. For a perfect attractive result, apply **EPOXYCOVER 150** in environments without dust and air streams, which could cause surface faults during hardening. **EPOXYCOVER 150** can be coloured with powder oxides and metal powders (always verify compatibility with a suitable test). Once hardened, the product presents itself as a gloss and shiny surface, however it could become slightly matt because of the abrasion of continuous foot traffic.

After complete hardening, it is best to protect the surface with polishing waxes, which also upgrade the resistance to abrasion.

Workability time of mixed product is inversely proportional to room temperature (it can drop even drastically as the temperature increases).

Important

- Do not apply the product on outdoor surfaces.
- Do not apply the product on damp surfaces or surfaces subject to rising damp.
- Do not dilute **EPOXYCOVER 150** with solvents or water.
- Do not change the mixing ratio of the components in any way – use and mix all the quantities of components A and B.
- Do not expose the product to heat sources.
- Do not use **EPOXYCOVER 150** at temperatures below +15°C and above +30°C (relating both to surface and room).
- Use **EPOXYCOVER 150** within the workability time above indicated (with effect from the time you start to mix).
- The fresh product and components A and B are highly polluting: do not dispose of them in conduit systems or on the ground.

Consumption

Consumption of **EPOXYCOVER 150** is 0.8 kg/m² per mm of thickness.

Packing

EPOXYCOVER 150 is available in 16.8 kg (A+B) and 5.2 kg (A+B) packing.

Storage

EPOXYCOVER 150 is stable for at least 12 months if kept in a dry and protected environment, at a temperature between +10°C and +35°C and in its original and sealed packing.

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