

TOPFLOOR

cod. TOPFLOOR-G

Cementitious floor topping and overlay.

DESCRIPTION

TOPFLOOR is a single-component, cementitious, fibre-reinforced premixed topping. Thanks to its high compression and flexural strength and its abrasion resistance it is particularly suitable as a topping for highly trafficked floors, imprinted surfaces, industrial floors, Nuvolato or Acid Stained surfaces. It is especially suitable for refurbishing damaged concrete slabs.

TOPFLOOR can be applied with a thickness of 10-15 mm or from 15 to 25 mm if mixed with quartz-sand 3-6 mm.

FEATURES

- Easy application
- Internal and external applications
- High wear and compression resistance
- Can be applied fresh on fresh or on hardened concrete with IDEAL BINDER primer

USES

TOPFLOOR is used for internal and external horizontal concrete installations requiring high wear resistance, including:

- Stamped Overlay 10-25 mm
- As a hardening topping for concrete floors
- Resurfacing of old concrete floors
- Topping for ramps
- Acid-stain and Nuvolato Decorative coating

APPLICATION

MIXING PROCEDURE FOR TOPFLOOR

TOPFLOOR should be mixed in a rotating drum concrete mixer. Mix 25kg of TOPFLOOR with 4,0 – 4,2 l of water. Start by putting half of the water into the mixer and adding all the TOPFLOOR. It should be mixed for 3 to 5 minutes whilst adding the rest of the water. Mix until a uniform consistency is achieved.

PLACEMENT FRESH ON FRESH

Level and power-float the concrete surface. Avoid water ponds (bleeding). Apply the TOPFLOOR mix to the surface and screed it according to levels. Finally, power-float the surface.

PLACEMENT ON HARDENED CONCRETE USING IDEAL BINDER PRIMER

The surface to be treated must be free from oil stains, waxes, paints, resins and any other products including loose friable materials, that may hinder the penetration of the binder.

The concrete substrate must be previously scarified or possibly processed with TEXTURE-BROOM or similar during casting.

Before application, wash thoroughly with a high-power pressure washer.

Wet the surface to be treated with high-pressure water.



Mix IDEAL BINDER thoroughly with cold water in a proportion of 1:3.

Then add to the solution 2 parts by weight of cement to a part of liquid and then spread the mixture evenly with a broom

TOPFLOOR should immediately be applied whilst the primer IDEAL BINDER is still wet. Check the IDEAL BINDER technical sheet for more information.

Level the TOPFLOOR with a straight edge tool.

INDUSTRIAL FLOOR, NUVOLATO, ACID-STAIN

Use normal concrete topping methods to finish the surface of the TOPFLOOR.

STAMPED SURFACE (SHALLOW THICKNESS)

Broadcast with IW HARDENER and proceed as for ordinary stamped surfaces.

Proper curing must be provided. For a perfect curing process in the 48-72 hours after TOPFLOOR placement, we recommend laying dampened geotextile fabric over the surface. A curing compound can also be used

JOINT PLACEMENT

Cut joints as soon as possible, but no later than 24h from pouring.

Joints in the base concrete must be mirrored through the TOPFLOOR topping. Joints placed in the TOPFLOOR must pass through its full depth. Fill the joints with DEKOFLEX.



TECHNICAL INFORMATION

Processing temperature 5° – 25° C.

CONSUMPTION

Approximate consumption per sqm per 10 mm thickness:

thickness up to 15 mm	TOPFLOOR	20 Kg/m ²
thickness over 15 mm	TOPFLOOR	16,6 Kg/m ² + quartz-sand 3-6 mm 3,4 Kg (20% weight to Topfloor).

Do not exceed 25 mm.

IDEAL BINDER: about 0,150 Kg/m²

PACKAGING / STORAGE / DISPOSAL

TOPFLOOR is available in 25 kg sacks.

The shelf-life in cool, dry storage and in factory sealed sacks is 12 months.

Standard colour is grey. Further colours available on demand.

PRECAUTIONS

TOPFLOOR is a cement-based product. Avoid contact with skin and eyes, in the event of contact wash with fresh water. Refer to safety data sheet for more details.

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.