



TECHNICAL DATA SHEET

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BLOCKCEM (solidifier for cement slabs)

code SO7685

TECHNICAL DATA (based on room temperature of +23°C and 65% of relative air humidity)

Appearance	colourless liquid
Viscosity	11 ^{''} F4 ± 1 ^{''} F4
Specific weight	1.04 ± 0.01
pH	12.0 ± 0.5
Recoating after	6 - 12 hr.
Wood floor installation after	2 - 20 days (subject to humidity control)
Complete drying	15 - 30 days
Coverage (per coat)	0.5 - 2.0 m ² /litre
VOC (volatile organic compounds)	0 g/litre
Standard packaging	10 litre plastic can

DESCRIPTION

Single-component, waterborne primer on the base of inorganic silicates for restoring in depth little substantial or crumbling cement slabs. Suitable also for the treatment of subfloors with radiant heat systems.

PREPARATION OF THE BASE

The cement slab must be dry, clean, free from grease, oil, wax and substances which may hinder the penetration of the product. In the presence of a very compact superficial layer, it is necessary to coarsen it, in order to allow deep absorption.

DIRECTIONS

Pour BLOCKCEM on the slab surface till complete soaking with a watering can, and spread it evenly using a broom or a flat brush, to avoid the forming of pools. Particularly porous bases may require a second coat, which should be applied after the complete drying of the first one (after 5 - 10 days). Since the product quantity needed for restoring depends on the conditions of the base, it is advisable to execute a preliminary test on a little portion of the surface. Start flattening the slab or installing a floor system only after making sure that the slab has thoroughly dried. Waiting time depends on the used product quantity and the environmental conditions (low temperature and high relative air humidity slow the process).

APPLICATION ON HEATED, CRUMBLY SUBFLOORS

Check the moisture content of the subfloor (max. allowed content 3%), then proceed with the application of BLOCKCEM as above directed. After 6 - 7 days turn on the heating system for about 15 days. Then turn off the heating system and after 3 days check the residual moisture with a carbide hygrometer, to ascertain that the measured value is less than 1,5%. Remove any possible superficial excess of BLOCKCEM (glossy areas) by brushing, and eliminate dust thoroughly, then apply one coat of our product EPOPRIMER thinned by 50% with DILUENTE EPO and glue down the wood floor after/within 24/72 hours with one of the following Carver adhesives: E90, EPOCOL, ISOCOL or PU-Z500.

NOTICE

- BLOCKCEM is ready-to-use and non-compatible with solvent-based products.
- Apply the product at a room temperature between +10°C and +35°C with relative air humidity below 75%.
- Avoid the stagnation of BLOCKCEM on the surface, because a glossy, anti-adhering film would form. When this film is created, remove it before proceeding with the gluing of the wood floor.
- Do not use the product on wet or non-absorbing surfaces, or else in permanently damp rooms.
- Do not use the product on anhydrite substrates or substrates containing other hygroscopic materials.
- Clean immediately with water fresh spots of BLOCKCEM on ceramic tiles, glass, marble and metals.
- To clean the tools use water on the still wet product. When the product has hardened, it is necessary a mechanical removal.
- Use rubber gloves and protective glasses while handling the product.

Protect from freezing!

Dispose of excess product and empty containers properly

If the original unopened containers are stored in a cool and dry place, the product will keep for at least 12 months.

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