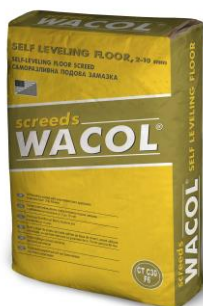


WACOL® SELF LEVELING FLOOR



SELF-LEVELLING FLOOR SCREED CEMENT BASED

SCOPE OF USE

- For quick and long lasting levelling floors;
- For levelling on cement and gypsum покрития, for old and new buildings;
- For extremely smooth, homogeneous and self-leveling base before laying of ceramic tiles, laminate flooring, soft floor coverings, moquette, linoleum, PVC and other kinds of floorings;
- For layer with thickness from 2 to 10 mm;
- For used indoor;
- Suitable for floors with build-in underfloor heating.

PROPERTIES

- Quick bonding self-levelling;
- Very good degree self-levelling properties with optimal allocation of the mortar;
- Applied universally on different bases;
- Optimal allocation of the solution also in thin-layer application;
- It doesn't crack and shrink;
- Without internal tensions;
- Forms extremely smooth coating.

CLASSIFICATION

- Accordance the requirements of the European and Bulgarian regulations acts.
- Accordance the EN 13813:2003.
- Test Report № 12/01.09.2016 is issued by Construction Materials Testing Laboratory by Marisan and Kolev AD – Ruse.
- Class: **CT-C30-F6**

TECHNICAL DATA

INDICATOR

VALUE

Composition:

Dry powder mixture on cement-polymer base.

Compressive strength (class C30)

$\geq 30 \text{ N/mm}^2$

Tensile strength when bending (class F6)

$\geq 6 \text{ N/mm}^2$

Reaction to fire

class A1

Hardening time

3 hours

Full load time

48 to 72 hours

Packaging:

paper bag with weight 25 kg

Indicative consumption:

about 1,4 – 1,5 kg/m² for each 1 mm layer thickness

The consumption depends on the smoothness of the base and the thickness of the applied screed.

Storage

In original packaging in dry and cool place .
Keep away from moisture!

Expiration date

12 months after the production date in an unopened original packaging.

INSTRUCTIONS FOR USE

PREPARATION OF THE BASE

WACOL® SELF LEVELING FLOOR can be used on all bases, which are solid and supporting and do not contain any separating substances (grease, bitumen, dust). The base should be clean, dry and stable, without cracks. Any unsound areas and layers with low mechanical resistance should be removed from it beforehand.

Upon bases that are soaked with moisture, the source of it must be removed and then they are left to dry completely. The residual moisture should not exceed 2% for cementitious bases and 0,5% for calcium sulfate bases. If there is underfloor heating installed then the values should be as it follows 1,8% for cement-based floors and 0,% for calcium sulfate bases.

Concrete and porous bases that are highly absorbent must be primed twice beforehand with WACOL® UNIVERSAL PRIMER.

WORKING CONDITIONS

The product is intended for indoor use!

The application of the screed should be done in dry weather at temperature of the base and the environment from +15°C to +25°C and air humidity below 75%.

The moisture of the base should be less than 2% and in-floor heating should be taken into account, as described with base preparation.

The freshly applied self-levelling floor should be kept away from direct sunlight,

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sudden temperature changes and quick drying!

The time for complete drying of the screed depends on the weather conditions (temperature and air humidity), but is not less than 48 hours, as it might last up to 72 hours (3 days).

Do not mix with cement, sand or other materials because that leads to deterioration of the product's qualities.

**PREPARATION
OF THE MIXTURE**

In a clean stainless steel container pour about 5 to 5,5 l clean water with no additives and gradually add the contents of the bag (25 kg). Stir the ready mixture in a low speed with an electric stirrer (at maximum speed of 600 turns per minute) until reaching homogeneous mixture without lumps. If necessary add water or dry mixture to achieve the required density. The mixture then must be left to „degas“ for about 1-2 min after which it can be used.

APPLICATION

Immediately after the preparation of the solution, it is poured onto a pre-wetted base, in the form of stripes with a width of 25-35 cm and it is spread by hand trowel in order to be achieved the required thickness of the screed (between 2 and 10 mm). In floors that will be subjected to greater load or to wheelchair movements it is recommended applying a screed with thickness of at least 8 mm.

Within 15-20 min after the mixing the screed maintains its self-levelling properties and can be processed. After this period begins the curing and it can no longer be adjusted.

The freshly applied coating must be protected from direct sunlight and high temperatures that cause its excessively rapid drying! The air temperature, mixture and base should not be lower than +15°C during processing and connection.

Layers up to 3 mm thickness are ready for application of consecutive coatings after 48 to 72 hours. For every other millimeter thickness, additional 24 hours of drying time is required.

CLEANING OF TOOLS

The tools are to be washed with water immediately after work. In case of drying the could be cleaned mechanically.

SAFETY INSTRUCTIONS

HAZARD PICTOGRAMS



DANGER

**DESCRIPTION
OF HAZARDS**

Contains cement.

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Quantity of soluble chrome (VI) within the readymade mass of the product is $\leq 0,0002\%$.

**HAZARD
STATEMENTS**

H 315	Causes skin irritation
H 317	May cause an allergic skin reaction
H 318	Causes serious eye irritation
H 335	May cause respiratory irritation

**PRECAUTIONARY
STATEMENTS**

P102	Keep out of reach of children
P261	Do not breathe dust
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P305+	IF IN EYES: Rinse cautiously with water for several minutes.
P351+P338	Remove contact lenses, if present and easy to do. Continue rinsing
P 310	Immediately call a TOXICOLOGY CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312	Call a TOXICOLOGY CENTER or doctor if you feel unwell
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations

The information contained in the current document is based on our knowledge and recent technical achievements and experience that we have at the time of our last version. The technical recommendations concerning the application, which we offer in order to facilitate buyers and those working with our products are non-binding and are neither grounds for legal contract relations, nor for additional obligations resulting from the purchase contract. They do not dispense buyers from the necessity to verify products application according to the instructions for every specific use. We as manufacturers guarantee the quality of the product, but cannot influence the circumstances and methods of its use. Application of the product should be performed by qualified personnel.