Instructions / Technical Data Sheet

WO-WE W715 - Floor leveling compound

Product description

W715 - floor leveling compound is premixed a self-spreading / self-leveling fiber-reinforced dry mortar made of special cements, selected aggregates and additives ready to mix to improve the processing properties.

If products from third-party manufacturers are used for substrate preparation, their compatibility as well as the perfect final result must be checked by applying a test surface BEFORE the coating. When using third-party products, no liability can be assumed for a proper processing result.

Application

as composite compensation on load-bearing wooden substrates: wooden floorboards, parquet chipboards (V 100 etc.), raw concrete ceilings, calcium sulphate and cement screeds. For the production of smooth and non-marking floor surfaces, for leveling of uneven floors and deviations from dimensional tolerances according to DIN 18202 before the laying of marble and natural stone coverings, elastic coverings, carpets, parquet, laminate as well as ceramic tiles.
Under parquet for full surface filling (the layer thickness min. 3mm amount).
As leveling agent for properly sanded mastic asphalt surfaces of quality classes IC10 and IC15 up to 5mm layer thickness.

W715 can completely successful after drying with W700 - floor coating or W702 - 2K epoxy floor coating are coated.

Surface preparation

Before processing clean all floors with thoroughly with W810 - Special Pre-Cleaner. Remove all cement slurries, sinter layers forming oil residues and deposits of surfactants, lime, etc..
Possibly first repair existing cracks and holes with W757 - repair epoxy mortar.

The surface may not exceed max. moisture content:

Cement-bound unheated	2.0 CM - weight -%
Cement-based heated	1.8 CM - weight -%
Calcium sulphate screed unheated	0.5 CM - weight -%
Calcium sulphate screed heating	0.5 CM - weight -%

The substrate must be firm, stable and free of cracks. Lower strength and unsustainable surface layers must be removed, extremely dense and smooth substrates and cement slurry must be roughened.
Attach edge strips to wall connections, supports, etc. Wood substrates must be rigid, stable, healthy and pest-free. The bar distance should be min. 60 to 65 cm, the board thickness should be min. 22 mm. Wooden floors must be sanded and screwed. Prime wood substrates with a special primer. Close wide plank joints with a suitable spatula or sealant. **In case of doubt always do a test layer**

Consumption

Per mm layer thickness is the consumption at 1.6 kg / m²
Please note, that the given values are only approximate values, they may vary depending on the substrate. Determine exact consumption on the object.

Processing time

Mixed leveling compound: within min 30 minutes.
Leveled: within min. 20 minutes.

Working temperature / climate

Room and substrate temperature must not be under + 10 ° C and + 30 ° C. The best processability is between + 15°C and 25°C.
Low temperatures delay hardening, higher temperatures accelerate it, consider the temperature of the mixing water.

Mixing

In a clean container, mix with clean, cold tap water (4.75L per 25kg bucket) lump-free and in a process-compatible consistency. A stirrer with helical, double-disc stirrer or stirring basket is recommended.

IMPORTANT:
Mix with max. 600 rpm!

Consistency for machine application

The setting of the appropriate consistency is carried out with the aid of the flow rate of max. Ø 64cm (determined with 1.3 L test socket on flat, non-absorbent surface, for example on foil, after 2 min flow time). For larger layer thicknesses reduce the flow rate or the amount of water, as the leveling allows it.
During processing, the course takes place automatically, so that with low consistency of the soil leveling compound, a post-filling or sanding is not necessary. An optimal venting and leveling of the material is achieved by machining the surface with a spiked roller. When using with mixing pumps, keep flow rate. In moisture-affected areas (maximum water impact class W2-I), apply suitable composite waterproofing according to DIN 18534-1.

Processing

Pour the fresh mortar onto the prepared substrate and spread with a smoothing trowel or squeegee to the required layer thickness. For larger areas, the ground leveling compound can be mixed and pumped with the mixing pump. For this, observe the instructions of the machine manufacturer. Setting material should not be diluted with water or stirred up again.

Cleaning tools

Clean vessels, tools etc. with clean water immediately after use. When cured, cleaning is only mechanically possible. When using the machine, clean the machine and hoses at the latest 20 minutes after machine downtime.

Shelf life

with proper storage about 24 months. Protect from moisture.

Disposal

In the cured state can be disposed like rubble.

Safety and protection measures

During the application follow the professional association rules for safety and Health at work BGR 500, chapter 2.29, and the current EG-Safety Data Specifications. In liquid state product is hazardous to water and must therefore never be allowed to enter open water. **Keep out of reach of the children.** Do not empty into drains. Containers have to be completely emptied. Liquid product needs to be brought to the local dispense / varnishes collection point for old paints or dispose of according to local regulations

Recommended additional products

W700 - Floor coating
W702 - 2K epoxy coating (as alternative for high loadable floors)
W757 - 2K epoxy resin mortar
W810 - Special pre-cleaner
WO-WE spiked roller