

4630 Industry Lit



ADVANTAGES

- layer thickness - 5-15 mm
- resistant to abrasion, abrasion and impact
- It can withstand high mechanical load
- leveling
- quick hardening
- mechanized application

Industrial self-leveling floor hardwearing

APPOINTMENT

- For leveling concrete floors in industrial facilities with major mechanical loads
- For floors subjected to heavy abrasion with heavy traffic, abrasion and impact loads
- Used as a topcoat in parking lots, Ind. garages, covered loading platforms on
- For mechanized application
- For interior and exterior use

ADVANTAGES

- Forms a dustless coating, does not require processing means пылесвzыvayuschim *
- Resistant to abrasion, abrasion and impact
- It withstands high mechanical loads
- Fast setting - on the floor can be walked on after 3-5 hours, full load - after 7 days
- Mechanized application reduces labor costs and reduces the time of work

SPECIFICATIONS

Colour	gray
astringent	special cements
Aggregate	sand, aggregates spets.tverdye
Mixture consumption, kg / m ² / mm	1.9
Layer thickness: allowable, mm	5-15
Recommended mm	10
Compressive strength, MPa (EN 13892-2, 28 days, + 23C, 50% RH)	> 35
Flexural strength, MPa (EN 13892-2, 28 days, + 23C, 50% RH)	> 11
Coupling with concrete (K30), MPa (day 28 + 23C, 50% RH)	> 3
Shrinkage, mm / m (EN 13454-2, 28 days, + 23C, 50% RH)	<0.5

Recommended with

PA

Protective treatment for concrete floors

MD 16

Dispersions acrylic

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Operating Temperature, C	+ 10 ... + 25
optimally	+ 15 ... + 20
Water consumption, L / kg	0,16-0,17
l / 25 kg bag	4-4,25
use time, min.	15
Walking through the load, h (+ 23C, 50% RH)	3-5
Partial load through, day (+ 23C, 50% RH)	1
Full load through, day (+ 23C, 50% RH)	7
pH (solidified material)	~ 11
Fire resistance (EN13501-1) Class	A2 fl sl
Abrasion resistance, class (EN 13892-4)	BCA AR 0,5
pre-packing	Three-layer paper sack with a mean Polyethylene layer - 25 kg; Big Bag 1000 kg.
Storage	6 months from date of manufacture when stored in their original packaging in a dry room (relative humidity not higher than 60%).

PACKAGING



packing 25, 1000 kg

DIRECTIONS FOR USE

Substrate preparation

The building must have a roof. Window and door openings are closed. In operation, and for at least 1 week after their closure, the air temperature and a base surface should be in the range +10 ... + 25 ° C. During the execution of the works and in the next 3 days to avoid exposure to drafts and Draft on the floor surface. Relative humidity of the substrate must be <90% relative humidity - <70%.

The substrate must be dry, solid, dust-free. Suitable substrates **weber.floor 4630** is a concrete with the peel strength is ≥ 1.5 MPa. Shrinkage of the concrete base must end. Concrete substrates having significant unevenness (≥ 15 mm) and does not satisfy the requirement for peel strength should be leveled pictures **weber.vetonit 4601**. Existing deformation-insulation joints substrates must be noted and accounted for when in their cutting layer materials **weber.vetonit 4601** and **weber.floor 4630**.

Surface clean of grease, cement / carpet glue, oil stains and other contaminants. Loose portions and weak upper layer of concrete removed by grinding or milling. Weak and non-rigid base, for example, asphalt, remove. Available in the bottom of the hole and seal the space of possible leakage of solution; location of drains separate special stopper; electrical sockets and similar items should be covered with lids and separate limiting gaskets.

To improve the adhesion strength of the material to be ground and vacuum primed surface (layer 2) dispersion **weber.vetonit MD 16** diluted with water in accordance with the instruction. When applying the first layer of the dispersion is diluted with water in a ratio of 1: 5, for the second layer - in a ratio of 1: 3. Dry and highly absorbent bases processed in 2 layers. If alignment is performed in several layers, it should be remembered that the base treatment with primer is performed before each bondcoat, wherein the previous leveling layer must be completely dry to ensure proper absorption based primer. Priming increases the surface fluidity of the compound, prevents the formation of air bubbles and too rapid absorption of water from the solution into the substrate.

Preparation of the solution

When mechanized casting the dry mixture **weber.floor 4630** must be in auto fill hopper mixer (e.g., using one of the stations mortar M-Tec), and by adjusting the flow rate of water required to pick up the consistency of the working solution. Thus just before filling and during the performance of work necessary to check and control the spreadability of the working solution (180-200 mm; ring face breaking $d = 68$ mm, $h = 35$ mm).

When applying manual bag (25 kg) of dry mix **weber.floor 4630** to pour into the vessel with 4 liters of pure water (16% by weight of the dry mixture). If necessary to increase flowability can not add more than 0.25 liters of clean water. Mixing is carried out with a nozzle powerful drill for 1-2 minutes. Ready-thief stretching can be used within 15 minutes after mixing with water. The working solution and the substrate temperature should be in the range of from +10 to + 25 ° C. In cold conditions, it is recommended to use warm water ($t \leq + 35$ ° C).

Attention! Do not allow too much water! Excess water results in delamination of the solution, the drying process slows, reduces the floor strength and is one cause of cracking. Do not pour mortar mix into the sewer, not to score the pipe!

execution of works

Before performing any work necessary to assess requirements horizontally. For pre-alignment and coarse removal of significant roughness (≥ 15 mm) should use material [weber.vetonit 4601](#). After that, the prepared substrate is recommended to set point beacons (at a distance of 1 m from each other) and adjusted thereon applied layer thickness of the material **weber.floor 4630**, using for this purpose a level or level. In planning the expansion joints should immediately make their markup, given the geometry of the room.

By means of a pump or manually prepared solution **weber.floor 4630** is poured onto a base so that the thickness of the final layer is in the range of 5 to 15 mm. Optimal application layer - 10 mm. The solution is distributed over the surface by means of a smooth steel spatula, then leveled and smoothed.

When mechanized application **weber.floor 4630** surface is divided into strips by means of limiters. The maximum width of the casting strip - 6-8 m depending on the pump performance and the thickness of the alignment layer. New runway should be filled as soon as possible so that the solution was gently slides over the previous strip. Bands docking location with each other must be smoothed using a wide spatula steel, wooden slats or needle roller, the needle length is 3 times the maximum layer coating solution.

The screed for circulation within 3-5 hours (+ 23 ° C, 50% RH.), To the perception of partial loads - 24 hours, full load - after 7 days. Nominal strength material reaches to 28 days.

Expansion joints

Immediately after being leveled surface becomes suitable for walking, expansion joints located in the structural core, should be moved (cut with an angle grinder) into the upper layer of the cast floor and fill the elastic material for joints.

recommendations

Water resistance

The hardened floor - waterproof, but with prolonged exposure to water floor strength may decrease. When fully dry the material all the declared characteristics are recovered and stored.

Resistance to chemicals

Filled and solidified material **weber.floor 4630** is ready for sensing the stated loads without causing any additional coating, but for aesthetic reasons or to increase the chemical resistance of the floor, it is advisable to treat the surface of the respective protective lacquer. Chemical resistance of unprotected material **weber.floor 4630** is the same as that of dense concrete. When using the material in food industry facilities, factories processing milk and fish products, in slaughterhouses and in other similar areas on the floor, leveled pictures **weber.floor 4630** recommended style finish polymeric coating.

Before processing the surface of a water-soluble paint, the surface must be thoroughly dry.

Fire Safety Certificate of Conformity

Fire Safety Certificate of Conformity

State registration certificate (hygiene requirements)

Certificate of state registration

Product description in PDF

[weber.floor 4630](#)

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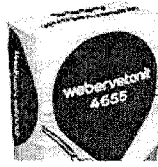
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