

BALTMIX 350 (EN 13813: CT-C50-F7)**PRODUCT DESCRIPTION**

BALTMIX 350 is a pumpable self-levelling screed formulated from high aluminate cement, special aggregate, polymers, chemical additives and others. It is a pre-mixed dry powder, designed for **outside use**. BALTMIX 350 can be used as a **smooth top layer for inside and outside use** for renovation of industrial and agricultural floors. Immediately after the drying of the surface it can be painted with a well-designed paint for industrial floor applications.

USER GUIDE

BALTMIX 350 can be applied with an automatic continuous mixer pump (without mortar hopper). BALTMIX 350 is recommended in application at a thickness of **6-10 mm** in one operation. **The maximum thickness is 15 mm**. When heavy loadings are expected on the floor, do not make the layer thinner than 4 mm. The flowability of the material is very good. Falls to water outlet may be maintained by use of reduced amount of water and then pumping from higher to lower end. The semi-hardened material may easily formed or cut allowing any necessary adjustments to be made. Under normal conditions foot-step traffic onto the floor is possible after 1-3 hours and the final heavy loading after 3-7 days depending on conditions on site.

TECHNICAL DATA

| Water content 18% - (50±5) % RH – temperature of 20°C during processing | |
|--|---------------------------|
| Compressive strength, MPa | ≥ 50, after 28 days |
| Flexural strength, MPa | ≥ 8, after 28 days |
| Particle size (max), mm | < 1 |
| Shrinkage, % | ≤ 0.077 |
| Flowability (Flow ring test SS 923519 (diam.50x23mm), mm | 140-155 |
| Setting time (depending on temperature), min | ≥ 30 |
| Density, g/cm³ | 1.975±0,01; after 28 days |
| Water stability (established on keeping the samples in water for 2 month) | water stable |
| Fire resistance, class | A2 _{fl} -s1 |

PROCESSING DATA

| | |
|----------------------------------|---|
| Material consumption | approx. 1,70 kg per mm thickness/m ² |
| Water admixture | 18-19% (4.50-4.75 litre/25 kg bag) |
| Usable at the temperature | From +6°C to +25°C |
| Curing time | 1-3 hours for foot traffic 24 hours for light traffic 1 week for full loading |
| Storage | 6 months in dry conditions, max. 20°C and (50±5) % RH |

SUBFLOOR

BALTMIX 350 should be laid on a well-prepared and primed subfloor. If heavy traffic expects on the surface, make sure that the adhesion to subfloor is more than 1.5 MPa.

MIXING

BALTMIX 350 can be mixed in an automatic continuous mixer pump (without mortar hopper). Use only clean potable water with a max. temperature of +20°C at a rate of 4.5-4.75 litre per 25 kg bag. The mixed material should be used within 15 minutes.

CLEANING

All tools and equipment should be cleaned promptly with water. The temperature of the ambient air should be from +6°C to +25°C – for work and setting of the prepared mix.

APPLICATION

Door threshold, stairs, drains and gullies should be isolated with foam barrier strips. Larger areas should be divided into bays. Normal width of the bay is 8 -12 meters, depending on the pump capacity.

HEALTH AND SAFETY

Contains quartz and cement, cement moist is corrosive. Protect eyes and prevent prolonged skin contact, keep out of reach of children. For further information, refer to the safety data sheet of BALTMIX 350.

Transport: Not a classified product

THE MANUFACTURER

UAB „Jursta”

(Place of manufacture: Stasio Šilingo St. 136, Grigaičiai Village, Vilnius District Municipality, Lithuania

A package: 25 kg

Prepared by:

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Manufacturing technologist

Vilnius, 2019



| EN 13813 CT-C50-F7 - Cementitious screed | | | |
|--|----------------------|--------------------------------|----------------|
| Fire resistance | A2 _{fl} -s1 | Sound insulation | npd |
| Secresion of corrosive elements | CT (cement based) | Sound absorption | npd |
| Water permeability | npd | Heat resistance | npd |
| Vapour permeability | npd | Chemical resistance | npd |
| Compressive strength | C50 | Setting time (LST EN 13454-2:) | ≥ 30 min. |
| Flexural strength | F7 | Shrinkage (LST EN 13454-2:) | 0,16±0,02 mm/m |
| Wear resistance | A22 | Flowability (LST EN 12706:) | 145÷155 |
| npd – no property determined | | | |