

PRODUCT DESCRIPTION

BALTMIX 250+ 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 use in commercial and industrial buildings. BALTMIX 250+ can be used as a smooth **top layer for intensive forklift traffic**.

BALTMIX 250+ is designed for use in industrial building like storage room, warehouse offices, and areas with intensive forklift traffic etc. Immediately after the drying of the surface it can be painted with a well-designed paint for industrial floor applications.

USER GUIDE

BALTMIX 250+ can be applied with an automatic continuous mixer pump (without mortar hopper). BALTMIX 250+ is recommended in application at a thickness of **6-10 mm** in one operation. **The maximum thickness is 25 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 and gives a smooth surface ready for carpeting. 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 1 week 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, %	≤ 0.040
Flowability (Flow ring test SS 923519 (diam.50x23mm), mm	140-155
Setting time (depending on temperature), min	≥ 30
Density, g/cm³	1.980±0,01; after 28 days
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	1-2 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 250+ should be laid on a well-prepared subfloor. The subfloor surface tensile strength must be higher than 1.5 MPa.

MIXING

BALTMIX 250+ 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 250+.

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:

dr. Renata Boris

Manufacturing technologist

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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:)	0,14±0,02 mm/m
Wear resistance	A22	Flowability (LST EN 12706:)	145÷155
npd – no property determined			