

BALTMIX 250 (EN 13813: CT-C50-F7)**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 an industrial top layer. BALTMIX 250 is designed for use as a top layer of concrete subfloor in commercial and industrial buildings.

USER GUIDE

BALTMIX 250 can be applied with an automatic continuous mixer pump (without mortar hopper). The normal layer thickness is between **6 and 15 mm**. Under normal conditions foot-step traffic onto the floor is possible after 1-2 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, %	≤ 0.050
Flowability (Flow ring test SS 923519 (diam.50x23mm), mm	135-145
Setting time (depending on temperature), min	≥ 30
Density, g/cm³	1.950±0,01; after 28 days
Fire resistance, class	A2 _n -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.

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.

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

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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:)	0,15±0,02 mm/m
Wear resistance	A22	Flowability (LST EN 12706:)	135÷145
npd – no property determined			