

BALTMIX 140 (EN 13813: CT-C40-F7)**PRODUCT DESCRIPTION**

BALTMIX 140 is a pumpable self-levelling screed formulated from high aluminate cement, quartz, chemical additives and others. It is a pre-mixed dry powder, designed for use in domestic and commercial buildings as an **underlayment layer (subfloor) and as top layer in domestic buildings.**

USER GUIDE

BALTMIX 140 is designed for use on concrete subfloor. The normal layer thickness is between **6 and 10 mm**, but the material can be laid up to **30 mm** in one operation. 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	≥ 40, after 28 days
Flexural strength, MPa	≥7, after 28 days
Particle size (max), mm	<1
Shrinkage, %	≤ 0.050
Flowability (Flow ring test SS 923519 (diam.50x23mm), mm	130-145
Setting time (depending on temperature), min	≥30
Density, g/cm³	1.973±0,007; after 28 days
Reaction to fire, class	A2fl-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 140 should be laid on a well-prepared subfloor.

MIXING

BALTMIX 140 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 140.

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

Vilnius, 2019



EN 13813 CT-C40-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	C40	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			