



Finbetong B30



Screed mortar for filling small areas. For internal and external use

WHERE TO USE

Finbetong B30 is used for smaller mortaring projects for both internal and external uses. The product is well suited for mortaring U-blocks, foundations, and as mortar for natural stones.

TECHNICAL CHARACTERISTICS

Finbetong B30 is a dry mortar containing cement, filler and natural aggregates. The mortar should only be mixed with water and can be applied on both interior and exterior surfaces.

INSTRUCTIONS FOR USE

Preparing the substrate

Substrates should be free of mud, dust, grease and loose particles. Absorbing substrates should be watered. Free water should not be on the surface of the substrate when the application starts. The temperature of the substrate and the ambient temperature should not fall below +5°C.

Mixing

Finbetong B30 should be mixed with 2.6-3.0 litres dependent on the desired consistency. Increased water content will give a lower compressive strength and larger shrinkage. The mortar should be mixed with a concrete mixer or with drill and whisk.

APPLICATION

Finbetong B30 may be applied with common masonry tools. Make sure to achieve good compression and make sure to fill air pockets with mortar. Avoid using product that has begun setting. At lower temperatures you may add **Antifreeze N** to the mortar to achieve a lower freezing point, but precautions like

heating and covering should be followed to avoid the setting process halting.

FINISHING

Immediately after application the surface should be protected from drying out with a curing membrane, covering with plastic film or by watering.

CLEANING

The product may be removed from tools and equipment used during application with water, but if the product is allowed to set it can only be removed mechanically.

CONSUMPTION

One 20 kg bag gives approx. 10 liters mortar.

PACKAGING

Finbetong B30 is available in 20 kg bag, 48 bags per pallet and 1000 kg big-bag.

STORAGE

Finbetong B30 can be stored for 12 months in a dry place in the original packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

For information about safe use, storage and disposal of our products, please refer to the label on the packaging and the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to

TECHNICAL DATA (typical values)			
PRODUCT IDENTIFICATION			
Consistency:	powder		
Colour:	grey		
D _{max} (mm):	4.0		
Dry solids content (%):	100		
APPLICATION DATA (at +20°C-50% RH)			
Colour of mixture:	grey		
Mixing ratio:	13-15% water, 2.6-3.0 liters per 20 kg bag this gives a w/c ratio of 0.55-0.60		
Density of mixture (kg/m ³):	2100		
Application temperature range:	from +5°C to +35°C		
Pot life of mixture:	approx. 2 hours		
FINAL PERFORMANCE (14% water at +20°C and 50% RH)			
Performance characteristics	Test method	Declared classes	Product performance
Compressive strength:	EN 13892-2	C35	> 10 N/mm ² (7 days) > 35 N/mm ² (28 days)
Compressive strength class:	EN 206-1	C25	30
Flexural strength:	EN 13501-1	F6	approx. 8 N/mm ²
Shrinkage:	EN 13454	NPD	/
Consistency:	EN 12706	NPD	/
Bond strength:	EN 13892-8	NPD	/
Exposure class:	EN 206-1	X0, XC2	/
Reaction to fire:	EN 13501-1	A1 _{FL}	/

the best of our knowledge and experience, all the above merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the technical data sheet, available from our web site www.mapei.no

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

**The most up-to-date TDS can be downloaded from our website www.mapei.no
ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.**



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.

All relevant references for the product are available upon request and from www.mapei.no



BUILDING THE FUTURE