

TITANIUM 110

Ready-mixed mortar

GREY COLOUR



UNIT	UNITS/PALLET	CONSUMPTION	COLOUR/FURTHER SPECIFICATIONS
25 kg/bag	48 units/pallet	6.5–7 l/25 kg	Grey colour

PRODUCT DESCRIPTION

Titanium 110 is a dry mortar consisting of slaked lime, grey Portland cement, selected aggregates and chemical additives that improve workability and adhesion on various types of masonry.

ADVANTAGES

Very good adhesion to the substrate. Easy to prepare. Manual or machine application possible.

FIELDS OF APPLICATION

The material is used as the first render coat for interior and exterior areas. It is not recommended for use on timber, gypsum or metal substrates or on previously painted surfaces.

SUBSTRATE PREPARATION

The air and substrate temperature during application and drying should be above 5 °C and below 30 °C. Substrates must be firm, dry, clean and level. On concrete or polystyrene substrates it is recommended to pre-treat the substrate with a suitable Beton Kontakt. Additional elements should be provided with a glass-fibre mesh in the upper mortar layer. Joints between the bricks must be well closed, and any cracks or damage in the masonry should be repaired at least 48 hours beforehand. In order to maintain the alignment of the masonry, the use of corner beads and guide rails is recommended. Fresh mortar must be protected against frost and rapid drying out. After application, ventilate the rooms until completely dry and avoid large temperature fluctuations. Application in strong wind can cause cracks or "burns" in the mortar; appropriate measures are to be taken. Do not apply during frost or if frost is expected within 24 hours.

PRODUCT PREPARATION

Mix the dry material with clean water at a ratio of 6.5–7 l per bag. Mix by machine (pump) or with a mechanical mixer until a homogeneous mass is obtained. On well-executed masonry, the Titanium 110 filling mortar is applied by pump in a layer of no more than 10–15 mm. For layer thicknesses above 15 mm, apply in several coats with an interval of one day between the coats, making sure that the first coat has dried sufficiently to carry the weight of the second coat.

TOOLS

For mixing: electric mixer. For application: metal trowel.

STORAGE AND SHELF LIFE

12 months; store on pallets in dry areas and protect from the weather. Protect from moisture.

ADDITIONAL INFORMATION

Detailed product information, technical documentation and the safety data sheet can be found on the official website: www.titanium-baustoffe.de

TECHNICAL DATA

Form	Powder
Colour	Grey
Density	6.5-7.0 l / 25 kg
Application temperature	+5 °C to +30 °C
Compressive strength	12.1 N/mm² (Class CS IV)
Capillary water absorption	0.14 kg/m²·h^{0.5} (Category Wc2)
Adhesion	1.38 N/mm²
Thermal conductivity	0.75 W/m·K

DECLARATION OF PERFORMANCE



TITANIUM
EN 998-1:2016

Manufacturer: REFIX SH.P.K. RKS
DoP-208-1/05.12.2025
Standard: EN 998-1:2016

TITANIUM 110

Compressive strength	≥ 12.1 N/mm²
Capillary water absorption	W2
Adhesion	1.38 N/mm²
Thermal conductivity	0.75 W/m·K