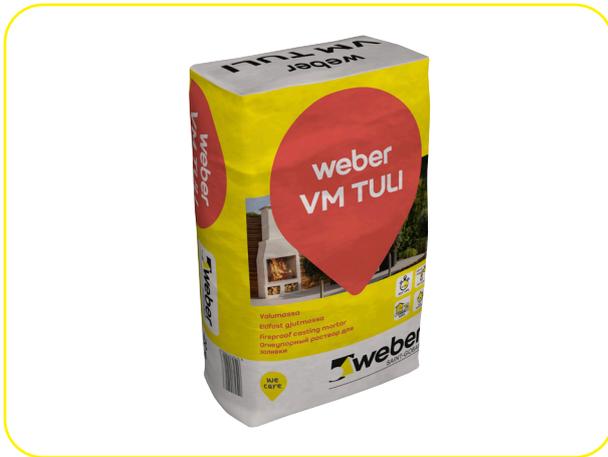


WEBER VM TULI FIREPROOF CASTING MORTAR



- Maximum operating temperature +1300 °C
- Mass requirements 2200 kg/m³
- For refractory castings

ABOUT THIS PRODUCT

Hydraulically bonded casting compound for casting parts that come into contact with fire, such as baking oven roofs, fireplace roofs, fireplace throttles, grate bezels, etc.

AREA OF USE

Casting and replacement of parts for fireplaces, baking ovens, grills and other fireboxes that must be fire resistant. For example, baking oven roofs, fireplace roofs, fireplace throttles, grate bezels, etc.

MIXING

Mix one sack (20 kg) of dry product with 2,25-3,0 litres of clean water. Mix with a concrete mixer, horizontal pan mixer, drill paddle (at least 4 min) or thoroughly with a shovel. Mixing equipment and containers must be clean, as even the smallest amounts of impurities, as well as products containing cement or lime, will spoil the mass! Once water has been added, the mixture must be used within 30 minutes.

WORK INSTRUCTIONS

The temperature of the finished mass at the time of casting must be above +10 °C. The air temperature at the time of casting and for 2 days after casting must be above +5 °C. Because the thermal expansion of steel is greater than that of the casting compound, the castings

PRODUCT SPECIFICATION

Mixed volume	approx. 8-9 l / 20 kg sack
Binder	Aluminous cement
Aggregate	Dried chamotte and corundum chips 0-6 mm
Additive	Additives to improve workability and fire resistance
Cold compression strength	> 30 MN/m ² (dried and annealed)
Reaction to fire (for exposive situations)	A1
Definitive change of length	+ 0.6%, 1300 °C/2 h
Temperature coefficient of length	1.2x10 ⁻⁶ 1/°C (= 0.0012 mm/m°C)
Storage conditions	Shelf life approx. 12 months from the date of manufacture (unopened packaging, dry location)
Package	20 kg sack
GTIN-codes	6415910049263 (20 kg)

must not be reinforced! The maximum size of flat castings is 600 mm x 600 mm or 800 mm x 400 mm and the minimum thickness is 50 mm. The casting thickness for baking oven crowns is at least 100 mm. Any incomplete casting should be filled immediately to avoid the formation of seams. Larger castings must be divided into smaller parts using expansion joints. Plastic film must not be used in the castings, because the casting surface becomes too dense, so that moisture does not escape properly from the structure during dry heating of the fireplace. Hardening starts 2-5 hours after mixing. Before commissioning, the fireplace must be allowed to air-dry for 2-3 weeks with all hatches and dampers open. This is followed by a first careful heating, e.g. with a heater blower. For the next 3-5 days, heat with a small fire for no more than 1-2 hours at a time. After each drying heating, leave the vent and dampers open.

DISCLAIMER

As there are different conditions at every opportunity, Weber can not be held responsible for anything other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether

specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.