

Moravské keramické závody akciová společnost Rájec-Jestřebí	KAMPLAST BONDING MORTAR	Product sheet MKZ 20/Z 02/2005
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Description : KAMPLAST bonding mortar is a refractory mixture of alumina-silica grogs with a silicate binder and other special additives.
It is supplied dry and mixed with water before use.
The mortar is typical for its high heat resistance, extreme adhesion to the backing and relatively fast setting and hardening.

Use : KAMPLAST is designed for the construction of tile stoves, fireplaces and structures exposed to high temperatures. It is used for bonding tiles and fireclay shapes in plaster systems and also to protect decorative stones against heat. When preparing and applying the mortar it is essential to keep the surfaces to be bonded dry and free of dirt. The mortar mixed with water should be applied as soon as possible (max. 20 minutes). The speed of application depends on the ambient temperature which should not drop below 5°C and rise above 30°C. Never re-use hardened old mortar which has lost its adhesiveness.

Specifications :

<i>Property</i>	<i>Guaranteed value</i>	<i>Testing procedure</i>
Grain size	0-1.5 mm	ENV 1402-3
Oversize	max. 5%	ENV 1402-3
Al ₂ O ₃ content	min. 25%	ČSN EN 955-2
Fe ₂ O ₃ content	max. 2.0 %	ČSN EN 955-2
Refractoriness	min. 1350 °C	ČSN EN 993-12
<i>Property</i>	<i>Normal value</i>	<i>Testing procedure</i>
SiO ₂ content	50 %	ČSN EN 955-2
CaO content	15 %	ČSN EN 955-2
Adhesiveness after drying to 110°C/16h	420 N	ČSN 72 6100
Adhesiveness after firing to 1350°C/4h	800 N	ČSN 72 6100
Optimum use of water per 100kg of dry mixture	25 l	ENV 1402-3
Classification temperature	1200°C	ČSN 72 6100

The properties are checked using a single acceptance sampling plan with a guaranteed mean value and an unknown standard deviation in accordance with ČSN ISO 5022.

Packaging : The bonding mortar is supplied in 30kg paper bags or as required by the customer.

Storing : The mortar should be stored in dry conditions.
The storage period is max. 6 months from the date of production.

Ing. Milan Čvanda
Managing Director and Chairman of the Board