

Moravské keramické závody akciová společnost Rájec-Jestřebí	<b>FLOWAL REFRACTORY SEPARATING MATERIAL</b>	Product sheet MKZ 26/Z 02/2007
---	--	-----------------------------------

**Description** : FLOWAL refractory separating material is a loose material spread on the pouring paths of Al alloys. It ensures easy separation of the molten metal residues from the pouring path surface once casting has finished, thus minimizing physical damage to the pouring path and extending its service life.  
It is also suitable for application on existing defects in the pouring path surface in order to prevent the defects from spreading even further.

**Use** : FLOWAL separating material is applied by evenly spreading on the surface of the pouring path. The resulting layer then separates the pouring path surface from the molten metal.  
During the pouring of Al the separating material is not released and contained within the melt.  
After each production cycle the metal residues need to be removed from the pouring path surface and the separating material re-applied.

**Specifications** :

<i>Property</i>	<i>Normal value</i>	<i>Testing procedure</i>
Chemical analysis		ČSN EN 955-2
Loss by ignition	1 %	
Al <sub>2</sub> O <sub>3</sub> content	70 %	
CaO content	25 %	
Fe <sub>2</sub> O <sub>3</sub> content	0,3 %	
TiO <sub>2</sub> content	0,1%	
Pour density	900 kg/m <sup>3</sup>	ČSN EN 1097-3
Grain size	0 – 0.1 mm	ENV 1402-3
Mineralogy	calcium dialuminate	-

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 FLOWAL product is shipped in 10 kg polyethylene bags or as required by the customer.

**Storing** : The product should be stored in a dry and enclosed warehouse at a temperature of min. +5°C.  
The storage period is max. 6 months from the date of delivery.

Ing. Milan Čvanda  
Managing Director and Chairman of the Board