

# DIMAG

- Special MgO based refractory materials for the iron and steel industries

Grade	Maximum Service Temperature	Material Required	Chemical Analysis, %						Remarks
	°C		kg/m <sup>3</sup>	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	
DIMAG ISO VS 50	1600	1700		25	5	1	65		Insulating slurry gunning mix based on MgO.
DIMAG 65 CR I	1700	2430	≤ 20.0	10	1	2.5	≥ 65.0	1	Hydraulic bonded castable based on magnesite and alumina chrome for conditions requiring corrosion resistance, reverberatory furnace.
DIMAG 87 PATCH	1750	1800		≤ 5.0	1.3	2.2	≥ 85.0		Patching material based on MgO for ladle (iron and steel) coating
DIMAG AL	1750	2700	> 72.0	1	< 1.0	3	> 20.0		Castable based on corundum and MgO.
DIMAG 90 BK 02	1700	2380	0.7 - 0.9	5.35 - 6.5	1.2 - 1.8	1.5 - 2.0	86 - 90		MgO based refractory castable as a general purpose 1700°C casting / ramming mix. Universal application for iron and steel industry.
DIMAG 90 BK 02 C/G	1700	2330	0.8	6.9	1.3	2	85		MgO-Cr <sub>2</sub> O <sub>3</sub> based refractory gunning castable as a general purpose gunning and casting mix for the steel and non-ferrous industry.