

## Product information

# REFRACAST DL B-80 AL - V614 IN

### product description

type of material:	low cement castable	installation method:	vibration
nature of bond:	hydraulic	main raw material:	calcined bauxite & corundum
state of delivery:	dry	packing:	25 kg / 50 kg / big bags
storage life:	6 months	testing standard:	IS 10570 : 2011

### general properties

maximum recommended service temperature	1300	°C	
material requirement:	3.10	t/m <sup>3</sup>	
maximum grain size:	8.00	mm	
liquid for mixing:	4.5 - 5.5	l/100kg	potable water
bulk density:	2.95	g/cm <sup>3</sup>	after firing at 1000°C
apparent porosity:	19.0	%	after firing at 1000°C

### typical chemical analysis (weight%)

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	BaO	SiO <sub>2</sub>
> 78.0	< 1.0	< 1.5	> 2.5	< 11.0

### typical physical properties

after firing at [°C]	permanent linear change [%]	cold modulus of rupture [N/mm <sup>2</sup> ]	cold crushing strength [N/mm <sup>2</sup> ]
110	0.0	14.0	75.0
800	± 0.10	18.0	90.0
1000	± 0.15	20.0	100.0
1200	± 0.20	24.0	120.0

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