

High Dense & Strength Castables

BRAND NAME		CRESTO							
ITEMS		-50	-60	-75	-85	-95	-75S	-85S	-90C
Max. Service Temp. (°C)		1500	1600	1700	1750	1800	1700	1750	1800
Dry Material Required. For Estimating (Ton/m ³)		2.4	2.65	2.75	3.1	3.2	2.8	3.1	3.1
Permanent Linear Change (%)	1350°C x 3h	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
	1500°C x 3h	-	-0.4	-0.4	-0.3	-0.4	-0.4	-0.3	-0.4
Cold crushing Strength (Modulus of Rupture) (Kg/cm ²)	110°C x 24h	500 (70)	600 (80)	700 (100)	800 (100)	800 (100)	700 (100)	800 (100)	800 (100)
	1350°C x 3h	700 (100)	800 (100)	800 (120)	1000 (150)	1200 (250)	800 (110)	900 (120)	1000 (150)
	1500°C x 3h	-	900 (120)	1000 (150)	1200 (200)	2000 (400)	800 (110)	1000 (140)	1200 (250)
Thermal Conductivity (Kcal/mh°C)	250°C	0.75	0.86	1.10	1.31	1.35	1.30	1.40	1.45
Chemical Composition (%)	Al ₂ O ₃	60	65	75	84	95	75	85	90
	CaO	2	2	2	2	2	SiC10	SiC10	Cr ₂ O ₃ 7
Water Required (%)		6.5	6.0	5.5	5.0	4.0	5.5	4.5	4.0
Setting Type		HYDRAULIC							
Installation Method		VIBRATING							
Applications		* Ladle Furnace Lining * Furnace Spouts and Roof * Impact pads and Wall Blocks * High Strength Abrasion Resistance. etc.							