

EAZYFLOW 40

CLASSIFICATION	Fireclay Low Cement Castable (Self Flow)		
PHYSICAL PROPERTIES	Max. Service Temperature	°C	1450
	Max. Grain Size of Aggregates	mm	12.5
	Approx. Weight Required for Casting	kg/m ³	2450
	Approx. Amount of Water Required for Casting	%	6.5-7.5
	Bulk Density After Drying at 110 °C	kg/m ³	2350
	Bulk Density After Firing at 1000 °C	kg/m ³	2320
	Modulus of Rupture After Drying at 110 °C	kg/cm ²	70
	Modulus of Rupture After Heating at 1000 °C	kg/cm ²	120
	Cold Crushing Strength After Drying at 110 °C	kg/cm ²	300
	Cold Crushing Strength After Heating at 1000 °C	kg/cm ²	640
	Permanent Linear Change After Heating at 1300 °C	%	-0.10
CHEMICAL COMPOSITION	Alumina (Al ₂ O ₃)	%	45.0
	Silica (SiO ₂)	%	51.0
	Iron Oxide (Fe ₂ O ₃)	%	1.5
	Lime (CaO)	%	1.6
THERMAL EXPANSION	400 °C	%	0.24
	800 °C	%	0.34
	1000 °C	%	0.44
	1200 °C	%	0.55
	1400 °C	%	0.65
THERMAL CONDUCTIVITY	400 °C	(W/m.K)	1.38
	500 °C	(W/m.K)	1.38
	600 °C	(W/m.K)	1.38
	800 °C	(W/m.K)	1.42
	1000 °C	(W/m.K)	1.48
	1200 °C	(W/m.K)	1.62

The above data are typical values of which the properties of the samples tested according to the internal procedure and standard of Siam Refractory generally accepted by our customers for many years. The above data can not be used for specification or guarantee purpose. Siam Refractory reserves the right to update the above data and change our internal procedure and standard without any prior notice.

