

SUREFLOW 6

SUREFLOW 6 is self flowing insulating castable When mixed to a normal casting consistency Sureflow 6 will self level, flow and fill complex formwork without the need for Vibration of any kind.

THE DATA SHOWN IS BASED ON MATERIAL PREPARED TO A CONVENTIONAL FOLD CONSISTANCY AND ALLOWED TO SELF-FLOW INTO FORMWORK WITHOUT VIBRATION OR TAMPING.

MAXIMUM SERVICE TEMPERATURE (M.S.T.) 1370°C

WATER ADDITION REQUIRED TO "SELF FLOW" 28.0 - 32.0% BY WT

BULK DENSITY

@ 110°C	74 - 81	LBS/FT ³	1185 - 1297	KG/M ³
@ 815°C	64 - 71	LBS/FT ³	1025 - 1137	KG/M ³

COLD CRUSHING STRENGTH

@ 815°C	1100 - 1500	P.S.I.	76 - 103	KG/CM ²
@ 1095°C	1000 - 1400	P.S.I.	69 - 96	KG/CM ²

COLD MODULUS OF RUPTURE

@ 815°C	200 - 400	P.S.I.	14 - 28	KG/CM ²
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PERMANENT LINEAR CHANGE

@ 110°C TO 815°C - 0.10 TO - 0.40 %

TYPICAL CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT²/Hr/°F/in</u>	<u>W/mK</u>
@ 260°C	1.95	0.28
@ 540°C	2.20	0.31
@ 815°C	2.45	0.35

TYPICAL CHEMICAL ANALYSIS (%)

AL ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	ALK
46.6	32.5	2.0	13.5	0.5	0.3	2.1

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet