PRODUCT DATA

Brand Name: **QUIKTURN 60SF**

Description: QUIKTURN 60 SF is a low cement, 60% alumina that can be installed by self-flow and pumping methods. This castable was formulated for self-flowing installations. After the final set, this unique castable can be heated without the traditional ramp-and-hold heatup schedule. Refer to the recommended QUIKTURN heatup schedule for the initial heatup.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3100°F (1700°C)

Typical Water Required for Mixing (by weight) :

Self Leveling …….…. 6.6%

	Self Level Data	
Bulk Density (pcf)		
After 1500°F (815°C)	156	(2.50 g/cm^3)
Cold Crushing Strength (psi)		
After 1500°F (815°C)	9000	(630 kg/cm^2)
Thermal Conductivity (K Factor)	BTU/ft^2/hr./°F/inch	W/mK
1000°F (538°C)	12.4	1.79
1500°F (815°C)	13.2	1.90
2000°F (1093°C)	14.0	2.02
Permanent Linear Change (%)		
After 1500°F (815°C)	-0.3 to 0.0	
Abrasion Loss (using ASTM C-704 Method)		
After 1500°F (815°C)	15 cc	

Typical Chemical Analysis (%)
(Calcined Basis)

Alumina (Al_2O_3) ……	61.6
Silica (SiO_2) ……	34.0
Lime (CaO) ……	1.5
Iron Oxide (Fe_2O_3) ……	0.8
Titania (TiO_2) ……	1.5
Magnesia (MgO) ……	0.1
Alkalies (Na_2O+K_2O) ……	0.1

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 1521

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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.

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