

# PRODUCT DATA

Brand Name: Description:

# **UNICRETE 50 FLOWZ**

UNICRETE 50 FLOWZ is a self-flow, shotcretable, low cement castable. The properties of low cement castables are sensitive to the amount of mixing water used during casting. The best physical properties are achieved when mixing water is kept to a minimum, the material is mixed thoroughly and as much vibration as possible is used when casting.

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

## Maximum Service Temperature: 3000°F (1649°C)

#### Typical Water Required for Mixing (by weight) :

Casting ..... 4.3 - 4.9%

Casting Data	
0	iy Dala
153	(2.45 g/cm <sup>3</sup> )
150	$(2.40 \text{ g/cm}^3)$
147	(2.35 g/cm <sup>3</sup> )
150	(2.40 g/cm <sup>3</sup> )
9000	(630 kg/cm <sup>2</sup> )
14000	(980 kg/cm <sup>2</sup> )
15000	(1050 kg/cm <sup>2</sup> )
11000	(770 kg/cm <sup>2</sup> )
2250	(158 kg/cm <sup>2</sup> )
3500	(245 kg/cm <sup>2</sup> )
3500	(245 kg/cm <sup>2</sup> )
2750	(193 kg/cm <sup>2</sup> )
-0.2 to 0.0	
-0.5 to 0.0	
<b>F</b> 4 <b>F</b>	
1.4	
1.4	
0.1	
	$ \begin{array}{c} 153\\ 150\\ 147\\ 150\\ 9000\\ 14000\\ 15000\\ 11000\\ 2250\\ 3500\\ 2750\\ -0.2 \text{ to } 0.0\\ 2750\\ -0.2 \text{ to } 0.0\\ -0.1 \text{ to } +0.3\\ +0.6 \text{ to } +1.2\\ -0.5 \text{ to } 0.0\\ 51.5\\ 44.5\\ 0.8\\ 1.4\\ 1.4\\ 1.4\\ \end{array} $

### **Standard Packaging:** 60 lb bag. Bulk packaging available.

Alkalies (Na<sub>2</sub>O+K<sub>2</sub>O)

Brand Code: 3132

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.

0.2

**RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.** 

03/28/17 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.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505