



PRODUCT DATA

Brand Name: **UNIFORM FS6**

Description: UNIFORM FS6 is a low cement, fused silica based precast mix. This precast product features excellent resistance to thermal cycling below 2000°F (1095°C) and low thermal expansion.

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

Maximum Service Temperature: 2000°F (1095°C)

Pre-Cast Data

Bulk Density (pcf)

After 230°F (110°C)	129	(2.06 g/cm ³)
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Modulus of Rupture (psi)

After 1500°F (815°C)	12,000	(840 kg/cm ²)
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Permanent Linear Change (%)

After 2500°F (1370°C)	-0.2
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Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	22.3
Silica (SiO ₂)	75.3
Titania (SiO ₂)	0.2
Magnesia (MgO)	0.1
Iron Oxide (Fe ₂ O ₃)	0.2
Lime (CaO)	1.8
Alkalies (Na ₂ O+K ₂ O)	0.1

Brand Code: 4552

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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