Thermocrete™ Ceramic Flue Sealant
Technical Data Sheet

Bulk Density	1800 kg/m^3
Cold Crushing Strength	3800 psi
Maximum Service Temperature	1600^{o}c
Average Thermal Conductivity	0.7 w/ (m k)
Permanent Linear Change at 1,000^{o}c	0.1 %
Acid Resistance Loss by Weight	0 %
Abrasion Resistance	High
Gas Permeability	0%
Sweep Test Lost by Weight	0.7%
Freeze/Thaw Weight Loss	1.75%
Packaging	50 lbs./plastic pail

Thermocrete Ceramic Flue Sealant is an alumina-silica base castable refractory extensively tested by Warnock Hersey / Intertek Testing Services (#J99001572-231). CFS is produced to B.S. 4207 and tested by the Ceramics Institute/CERAM Research (NAMAS) to B.S. 1902. Thermocrete products are accepted for use in **82** countries worldwide.

American Standard for Testing and Materials (ASTM) & Underwriters Laboratory (UL)

ASTM C20- Apparent Porosity	UL 1777 Section 4- Components
ASTM C113- Permanent linear change	UL 1777 Section 13- General
ASTM C133- Cold Crushing Strength	UL 1777 Section 22- Strength Tests
ASTM C24- Refractoriness PCE	UL 1777 Section 23- Sweep Tests
ASTM C24 & ASTM C113- Max. Temp	UL 1777 Sec 28- Resistance to Acids
UL 1777-Section 1- Scope	UL 1777 Sec 29- Freeze/Thaw Cycle
UL 1777-Section 2- General	UL 1777 Section 31- Marking
UL 1777-Section 3- Glossary	UL 1777 Sec 32- Inst. & Maint.

(CICS) Certificate Number 93158, to the requirements of American National Standards Institute (ANSI), and American Society for Quality Control (ASQC) Q 9002, EN-ISO-9002. (UK OPS)