

MT. SAVAGE FIREBRICK

17901 Mt. Savage Road NW,
PHONE 301-689-1788

Frostburg, MD 21532
FAX 301-689-1798

TECH DATA SAFRACO BOND

CLASSIFICATION:

ASTM C-178 (Discontinued)
Super Duty Air Setting Mortar

P.C.E.

Cone 31-32 3000° F

TYPICAL CHEMICAL ANALYSIS:

Silica	(SiO ₂)	54.6
Alumina	(Al ₂ O ₃)	40.0
Ferric Oxide	(Fe ₂ O ₃ and FeO)	0.9
Titanium Oxide	(TiO ₂)	1.4
Calcium Oxide	(CaO)	0.3
Alkalies	(Na ₂ O+K ₂ O+Li ₂ O)	2.8

MODULUS OF RUPTURE:

After Drying at 230° F	400-550 psi
After Heating to 1900° F	300-500 psi

Approximate Amount Required per 1000-9" Brick

Trowelled Joints	400-500 lbs.
Dipped Joints	300-350 lbs.
Brick Laid Dry and Grouted	250-350 lbs.

SAFRACO BOND offers resistance to abrasion, slag, and metal penetration and reducing atmospheres. For use with all classes of Fireclay Brick and High Alumina Brick. Shipped as trowelled joint consistency, ready to use in 15 lb. or 50 lb. plastic pails.

NOTE: All data subject to reasonable deviation.

M402/01/06