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Cold Face Temperature Comparison

BETTER PERFORMANCE 

Burn Room Hot Face	FFI Westec™ Insulation System	2" Thick Concrete Casting Over 1" Thick Calcium Silicate Board "I"	FFI Westemp® - 1" Thick Calcium Silicate Board "I"	1" Thick Calcium Silicate Board "P"	1" Thick Calcium Silicate Board "A"	1" Thick Fiber Cement Board
1800°	376°	335°	434°	485°	596°	652°
1600°	325°	311°	398°	453°	555°	609°
1400°	276°	287°	362°	419°	511°	561°
1200°	232°	263°	327°	381°	464°	510°
1000°	193°	237°	292°	340°	413°	454°
800°	159°	210°	255°	296°	362°	391°
600°	131°	180°	217°	246°	302°	321°
400°	108°	148°	173°	191°	232°	241°

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* Temperatures are in degrees Fahrenheit

** Temperatures shown are based on 80° F ambient still air and have been determined in accordance with ASTM C680-89

*** For firefighter safety FFI does not recommend training at temperatures above 1200° F

Please note: Temperatures are shown directly at the back of the specified insulating system. Temperatures shown do not reflect the higher cold face temperatures that would occur directly at an insulating system's fastening device. Westec™ does not have fasteners that penetrate directly through the thermal barrier, therefore no additional hot points are created. These hot points could be detrimental to your structure.