

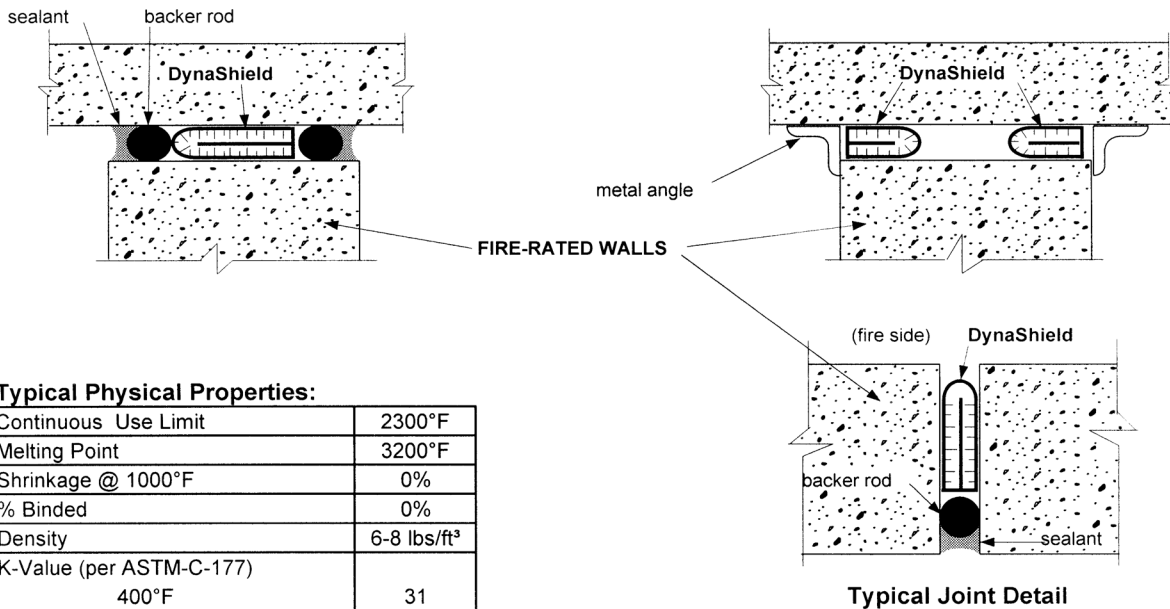
TECH DATA

Everlastic® DynaShield Ceramic Fiber Grade 600 Fire Rated Joint Filler

revised 1-1-15

PRODUCT DESCRIPTION:

Everlastic® DynaShield Ceramic Fiber Grade 600 Fire Rated Joint Filler is a strong, lightweight needled blanket. It is made from long ceramic fibers cross locked through a unique forming process which results in excellent strength. The blankets offer superior flame and heat resisting properties. The fibers are asbestos free and have a melting point of 1843°C (3350°F). Everlastic® DynaShield blankets are manufactured in various densities, operation temperature ranges and fabricated into the **Fire Rated** expansion joint fillers and penetration seals.



Typical Physical Properties:

Continuous Use Limit	2300°F
Melting Point	3200°F
Shrinkage @ 1000°F	0%
% Binded	0%
Density	6-8 lbs/ft³
K-Value (per ASTM-C-177)	
400°F	31
800°F	60
1800°F	1.78
Color	Off White
Weight for 60 Rating	10 oz
ASTM D-84	
Fuel Contribution	0
Flame Spread	0
Smoke Development	0

Reference Specifications:

ASTM-E-84, ASTM-E-119, &
ASTM-E-BS (combustion characteristics)
U.S. Coast Guard-46 CFR 164.009
Military - MIL-1-23128A Grade A and B
U.L. HWS 1004, U.L. 263.

Installation:

DynaShield Ceramic Fiber should be folded in half and inserted in the joint under compression. It is not necessary to fill the entire joint depth, fire ratings are achieved according to depth and density of material. (see chart below)

Example: 1/2" joint opening for a 1 hour rating = 1/2" x 200% = 1" thick x 2" deep. Use 1/2" x 4" of DynaShield folded in half.

Time Rating	Material Thickness	Material Depth
1 hour	175% to 200% of joint width	2 inches
2 hour	175% to 200% of joint width	4 inches
3 hour	175% to 200% of joint width	5 inches
4 hour	175% to 200% of joint width	6 inches



To the best of our knowledge this published information is accurate, however, to determine suitability of material/product for a specific application is the user's responsibility. Williams Products, Inc. shall not be liable for any loss or damage resulting from inappropriate usage.

WILLIAMS PRODUCTS, INC. - 1750 MAPLELAWN BOULEVARD - TROY MICHIGAN 48084 - PHONE (248) 643-6400 - FAX (248) 643-7117

www.williamsproducts.net