

# ProForm<sup>®</sup> BRAND FS-90 Fire-Shield



**PROFORM<sup>®</sup>**  
BRAND  
Drywall Finishing Products

**National**   
**Gypsum<sup>®</sup>**

**ProForm<sup>®</sup> BRAND**

# FS-90 Fire-Shield

**The easy, effective and efficient fire-stop system.**

## Introduction

Building-safety studies indicate that through-floor and through-wall penetrations significantly contribute to fire-related deaths. Properly sealing fire walls and other time-related partitions can slow or prevent the spread of fire, smoke, toxic gas and water. That's why National Gypsum developed FS-90 Fire-Shield compound. It's an effective and efficient fire and smoke stop application that helps protect structures.

### EASY TO INSTALL



Available in 25-lb. bags, FS-90 mixes fast and has a working time of approximately 75 minutes, allowing for several applications per batch. It is paintable and provides less waste than standard fire caulk. It's applied with a simple trowel and no special tools are needed.

Reference *The Purple Book*<sup>®</sup> for assemblies.

### VERSATILE



It bonds with gypsum board, concrete, metals, wood and cable jacketing without the need for primer. It's also self-bonding, which makes it easy to repair. A tight seal even helps control sound.

### SPECIALLY FORMULATED



Red tint makes it easy for fire marshals to identify. Bags can be stored dry for up to 12 months. Meets ASTM and UL fire test requirements.

## Technical Data

PHYSICAL PROPERTIES	
Bag Size:	25-lb. (11.3kg) bag
Color:	Red tint
Storage:	Store in a dry place, close opened bags as tightly as possible
Shelf Life:	With good dry indoor storage, up to 12 months, good indoor storage with high humidity - 6 months
Working Time:	Approximately 75 minutes
Setting Time:	70 - 90 minutes

## Limitations

- Do not mix with other material.
- Do not mix more compound that can be used in 75 minutes. Use only clean containers, tools and water. Clean all equipment after each mix. Fresh batches of compound must be kept free of previous batches, otherwise working life will be affected.
- Do not add water to prevent or delay setting action and do not continue to work the material once it begins to thicken or harden.
- Maximum diameter of opening not to exceed 7 in.

## Non-Combustible

FS-90 Compound is rated as non-combustible as defined by NFPA Standard 220 when tested in accordance with ASTM E 136 at Underwriters Laboratories.

## UL Classified

FS-90 has met all of the conditions of UL 1479 and ASTM E 814 in tests conducted at Underwriters Laboratories.

## Testing and Classification

Meets:

- ASTM E 814
- UL 1479
- UL 2079



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