

# 3M Fire Protection Products

3M™ Fire Barrier Block B258

3M™ Fire Barrier Plank PK39

3M™ Fire Barrier Plug PLG2 and PLG4

## Performance and Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		Test Method
Surface Burning:	Flame Spread 5, Smoke Development 250	ASTM E 84
Air Leakage:	Less than 1 CFM/sq. ft. @ 400°F less than 1 CFM/sq. ft. @ ambient.	UL 1479 Section 6

Product	Size	Color	Mass	Units/Ctn.	Wt./Ctn
3M Fire Barrier Block B258	2-3/8 in. x 5-1/8 in. x 7-7/8 in. (60 mm x 130 mm x 200 mm)	Maroon	575g	12	15.2 lbs. 6,9kg
3M Fire Barrier Plank PK39	2-3/8 in. x 5-1/8 in. x 39-3/8 in. (60 mm x 130 mm x 1000 mm)	Maroon	2875g	3	19.0 lbs. 8,6kg
3M Fire Barrier Plug PLG2	2 in. diam. x 3-1/8 in. high	Maroon	120g	4	1.1 lbs. 0,48kg
3M Fire Barrier Plug PLG4	4 in. diam. x 3-1/8 in. high	Maroon	360g	4	3.2 lbs. 1,4kg

## Installation Techniques

Consult a 3M Authorized Fire Protection Products Distributor/Dealer or Sales Representative for applicable UL, cUL, ULC, Interek or other third-party drawings and system details.

### Blocks and Planks

1. Install Fire Barrier Blocks or Fire Barrier Planks with the 5 in. (130mm) dimension projecting through the floor or wall and centered within the opening; minimum 4-1/2 in. seal thickness is required.
2. Continue to install Blocks/Planks until through opening is completely full, and blocks/planks are firmly packed together. Block/Plank can be re-sized in the field as needed provided the 5 in. (130mm) dimension is maintained through the opening. No compression is necessary.
3. Install Fire Barrier Rated Foam FIP 1-Step between the Blocks/Planks and the periphery of the opening and between Blocks/Planks and penetrants. Foam to be installed full depth of the Blocks/Planks.
4. Check for any openings between Blocks/Planks, framing, and penetrating items. Fill any visible openings with the required depth of Foam. Consult individual UL systems for Foam depth and location requirements.
5. To remove the Blocks/Planks, gently pull them out and place on a clean surface. After penetrants are routed through, or removed from the opening, replace the Blocks/Planks, making sure that they are firmly packed and fully filling the opening. Install Foam in any voids as required.