

FIRE DOOR LISTING PROGRAM

Customer: BASF SE
 Class: Fire Door – Category “G” – Edge Sealing Systems
 Location: Frankenthal, Germany
 Website: www.basf.com

Listing No. F411-4
 Project No. F411-4 Edition 1
 Effective Date: June 5, 2014
 Last Revised Date: November 4, 2016
 Expires: N/A

Standards:	CAN/ULC-S104	<i>Standard Method for Fire Tests of Door Assemblies.</i>
	UL 10(b)	<i>Fire Tests of Doors Assemblies.</i>
	UL 10(c)	<i>Fire Tests of Doors Assemblies.</i>
	NFPA 252	<i>Standard Methods of Fire Tests of Door Assemblies.</i>
	UBC-7-2 (1997)	<i>Uniform Building Code</i>
	ASTM E2074 (2000)	<i>Standard Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies</i>

Product: Category “G” – Edge Sealing System

Markings: Each container of the subject product, as delivered to the customer, is suitably marked using Permanent label stock with permanent adhesive with the following:

1. QAI logo with ‘c’ and ‘us’ indicator
2. Manufacturers name or trademark
3. City and state of manufacture
4. Model/Listing number or product description
5. QAI file number (F411-4)
6. Traceability Information: date of manufacture or serial number

Marking Method:

Permanent label stock fastened with pins or permanent adhesive.

Models: **CORE MODELS:**

Core Model	Core Thickness
Palusol 100	3/16” (0.1875”)
Palusol 104	9/32” (0.2813”)
Palusol 210	7/8” (0.8750”)

These Category G - Edge-Sealing Systems can be installed on Labeled Wood/Steel Door Frames, Labeled Wood, Wood Composite, and Wood Raised/Flush Panel Doors (including meeting edges of door pairs) as an intumescent edge sealing. These intumescent edge seals can be applied to these types of doors rated to a Fire Resistance Rating of a 20, 45, 60 or 90 min rating.

These models are factory installed systems only. Category G – Edge-Sealing Systems are for use in Category B doors, or the meeting edges (only) of Category A doors. These systems are inlaid into the edge of either the perimeter of the door or frame, or meeting edge of the door.

Limitations

Maximum Size of Door Assembly:

Single Swing:

Width: 4'0"
Length: 9'0"

Pairs:

Width: 8'0"
Length: 9'0"

Wood doors must have a minimum 1-1/2" wide stiles of Pine (Specific Gravity = 0.36) or of Wood of equal or greater density.

For use in fire doors listed under BASF and manufactured or assembled by companies identified within the BASF. See Fire Door Slab Listing (F411-1) and BASF – Fire Door Frame Listing (F411-2).

Notes: *Refer to QAI evaluation report F411-4 and the applicable test reports for test assembly configurations used for fire endurance testing.*

Refer to the [QAI FD002 - Fire Door Guidelines for general guidelines of fire door assemblies](#)

Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction (AHJ).

Product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.



LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
TORONTO, ON: 416.550.9280
SEATTLE, WA: 425.512.8419
WEBSITE: WWW.QAI.ORG

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
