BUILDING PRODUCT LISTING PROGRAM

Customer: Bushfire Mitigation Solutions, LLC (Wildfire Defense Mesh)
Class: Vents for Wildland Urban Interface (W.U.I.)
Location: Austin, TX
Website: www.WildfireDefenseMesh.com

Listing No. B1143

Effective Date: April 28, 2023
Last Revised Date: January 31, 2024
Expires: N/A

Standards:

ASTM E2886	*Standard Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement* - Vertical Installation Only
ASTM E84	*Standard Test Method for Surface Burning Characteristics of Building Materials*
UL 723	*Test for Surface Burning Characteristics of Building Materials*

Product: Wildfire Defense Mesh ™ (WDM) (Patent Pending) (SSWM Bushfire Mesh) - Stainless Steel Woven Mesh (Retrofit)

Wildfire Defense Screens™ (WDS) are Stainless-Steel products that contains:
- Wildfire Defense Mesh (WDM) (Patent Pending)
- Wildfire Defense Frame (WDF)

WDS come in a variety of sizes that can be installed on new or retrofitting existing buildings.

Markings: Products are marked in a permanent manner where it is readily visible after installation with the following:
a) Address, including city and country of manufacture
b) Product Name
c) Production Date Code
d) QAI Listing File Number
e) ASTM E2886
f) ASTM E84 / UL 723
g) QAI logo shown here:

Models:
Wildfire Defense Mesh (WDM) (Patent Pending)

304 - USSWOB 00657 XXX4 XXX
316 -USSWOB 00657 XXX6 XXX

Product Code[1]	Width (in)	Length (in)	Mesh Aperture Opening (in)
USSWOB 00657 0754 50	7.5	50	0.0657
USSWOB 00657 0754 100	7.5	100	0.0657
USSWOB 00657 2404 50	24	50	0.0657
USSWOB 00657 2404 100	24	100	0.0657
USSWOB 00657 3604 50	36	50	0.0657
USSWOB 00657 3604 100	36	100	0.0657
USSWOB 00657 4904 50	49	50	0.0657
USSWOB 00657 4904 100	49	100	0.0657
USSWOB 00657 6004 50	60	50	0.0657
USSWOB 00657 6004 100	60	100	0.0657
USSWOB 00657 0756 50	7.5	50	0.0657
USSWOB 00657 0756 100	7.5	100	0.0657
USSWOB 00657 2406 50	24	50	0.0657
USSWOB 00657 2406 100	24	100	0.0657
USSWOB 00657 3606 50	36	50	0.0657
USSWOB 00657 3606 100	36	100	0.0657
USSWOB 00657 4906 50	49	50	0.0657
USSWOB 00657 4906 100	49	100	0.0657
USSWOB 00657 6006 50	60	50	0.0657
USSWOB 00657 6006 100	60	100	0.0657

Wildfire Defense Screens (WDS)
304 - USSWOB 00657 VXXXX XXX4
316 -USSWOB 00657 VXXXX XXX6

Finished Vent Product Code[2]	Product Code		Total Size (inches)	Interior Size (inches)	Frame Width[2] (inches)	Mesh Aperture Opening (in)
Foundation Vent, Vertical Eave / Soffit Vent and Gable Vents	USSWOB 00657 V0314 0504	Min[2]	3 x 14	2 x 13	0.5	0.0657
	USSWOB 00657 V2230 1004	Max[2]	22 x 30	20 x 28	1	

Note 1: Additional Product Codes for other widths and lengths may be allowed if the initial product code references the USSWOB 00657 XXXX XXX / USSWOB 00657 VXXXX XXXX and the product meets all other requirements of this listing including the aperture opening remaining the same.

Note 2: Finished vent products are approved for any size within the ranges outlined, including frame widths.

Ratings:

Product Code	ASTM E 2886	ASTM E84 / UL 723
USSWOB 00657 XXXX XXX	Compliant for vertical retrofit vent applications only[3].	Class A
USSWOB 00657 VXXXX XXXX	Compliant for vertical vent applications only[3].	Class A

Note 3: Example of vertical vents may include gable vents, foundation vents and vertical under eave / soffit vents.

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