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 Issued by: 3M IATD Regulatory Affairs
 Department and FPP Application Engineering

Title: LEED® v4.1 BD+C (New Construction and Major Renovation) Credit Contribution and Compliance for 3M™ Fire Protection Products

Indoor Environmental Quality (IEQ)

Low-Emitting Materials:

Product Name	VOC Content (g/l)	Total VOC Emissions CDPH Spec 01350 v1.2
3M™ Fire and Water Barrier Tape FWBT	N/A	Complies
3M™ FireDam Spray 200	2.9*	Does Not Comply
3M™ Fire Barrier Sealant FD150+	182	Does Not Comply
3M™ FPP Watertight Spray	131.2*	Complies
3M™ Fire Barrier Sealant IC 15 WB+	3.96*	Complies
3M™ Fire Barrier Sealant CP 25WB+	5.69*	Complies
3M™ Fire Barrier Composite Sheet CS-195+	N/A	Complies
3M™ Fire Barrier Wrap Strips FS-195+	N/A	Complies
3M™ Fire Barrier Duct Wrap 615+	N/A	Complies
3M™ Interam™ E-5A-4 Endothermic Mat	N/A	Complies
3M™ Fire Barrier Tuck-In Wrap Strip	N/A	Complies
3M™ Fire Barrier Ultra GS Wrap Strip	N/A	Complies
3M™ Fire Barrier Moldable Putty Pads MPP+	28	Complies
3M™ Fire Barrier Moldable Putty Stix MP+	12	Complies
3M™ Fire Barrier Rated Foam FIP 1-Step	5.8	Complies
3M™ Fire Barrier Blocks, Plugs, and Planks	N/A	Complies
3M™ Smoke and Sound Sealant SS 100	182	Does Not Comply

*VOC content testing for these products completed 2016. These products are in the process of being tested and results will be updated accordingly.

VOC content was measured per EPA Method 24 or SCAQMD Method 304 (less H₂O and exempt solvents per SCAQMD Rule 1168).

With designation, samples comply with limits specified in CDPH Spec 01350 v1.2 for Targeted VOC and Formaldehyde limits in a private office and classroom. Samples were found to have a measured range of total VOCs, per LEED v4.1 for total VOC and Target Chemical listed in CDPH v 1.2 Table 4-1, of 0.5 mg/m³ or less after 14 days.

All samples were tested at Intertek Testing Services NA Inc. or UL LLC, ISO/IEC Standard 17025 accredited laboratories. VOC Emission test certificates and reports available at 3M.com/firestop or upon request.

Materials and Resources

Building Product Disclosure and Optimization - Environmental Product Declaration (EPD)

3M IATD chooses not to pursue this declaration at this time.

Building Product Disclosure and Optimization - Sourcing of Raw Materials

Raw Material source and extraction information

3M Company publishes Corporate Sustainability Report (CSR) reports annually. This report is available at https://www.3m.com/3M/en_US/sustainability-report/.

Building Product Disclosure and Optimization - Material Ingredients Reporting

3M IATD chooses the Health Product Declaration repository to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm).

HPDs have been created for the products indexed below.

Product Name
3M™ Fire and Water Barrier Tape FWBT
3M™ FPP Watertight Spray
3M™ Fire Barrier Sealant IC 15 WB+
3M™ Fire Barrier Sealant CP 25WB+
3M™ Fire Barrier Water Tight Sealant 1000NS
3M™ Fire Barrier Water Tight Sealant 1003SL
3M™ Fire Barrier Water Tight Sealant 3000 WT
3M™ Fire Barrier Composite Sheet CS-195+
3M™ Fire Barrier Plenum Wrap 5A+
3M™ Fire Barrier Dryer Ventilation Wrap
3M™ Fire Barrier Duct Wrap 615+
3M™ Fire Barrier Ultra GS Wrap Strip
3M™ Fire Barrier Pillows
3M™ Interam™ E-5A-4 Endothermic Mat
3M™ Fire Barrier Tuck-In Wrap Strip
3M™ Fire Barrier Moldable Putty Pads MPP+
3M™ Fire Barrier Moldable Putty Stix MP+
3M™ Fire Barrier Rated Foam FIP 1-Step
3M™ Fire Barrier Blocks, Plugs, and Planks

Visit <https://hpdrepository.hpd-collaborative.org> to view the HPDs.

Search by Manufacturer Name = 3M Company.

Construction and Demolition Waste Management:

Recycled Content: The above listed products do not contain any pre- or post-consumer recycled material at this time.

Salvaged/Refurbished: The above listed products do not contain any salvaged/refurbished materials at this time.

Rapidly Renewable Materials: The above listed products do not contain any rapidly renewable materials.

Product Data - Sustainable Attributes Table

Product	Env. Product Declaration (EPD)?	FSC Certified Wood Products (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)	Mfg. Sustainability Report? ⁱ	Declare Label	Declared HPD per GHS SDS ⁱⁱ	C2C version	Extracted, Manuf. & Purchased within 100 miles?	Mfg. Location ⁱⁱⁱ	VOC Content (g/L)	Wet-(L) Applied Products Volume Used ^{iv}	RedList Free ^v	Link to 3M RDS
615+	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	NA	NA	Yes	Link to RDS
CP 25WB+	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	5.69	NA	Yes	Link to RDS
FD 150+	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	No	No	No	CA	182	NA	Yes	Link to RDS
IC 15WB+	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	3.96	NA	Yes	Link to RDS
FDS200	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	No	No	No	US	2.9	NA	Yes	Link to RDS
CS195+	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	NA	NA	No	Link to RDS
FWBT	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	NA	NA	Yes	Link to RDS
SS 100	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	No	No	No	US	182	NA	Yes	Link to RDS

ⁱ GRI = Global Reporting Initiative

ⁱⁱ <https://hpdrepository.hpd-collaborative.org>

ⁱⁱⁱ CA = Canada, EU = European Union, US = United States

^{iv} It is 3M's interpretation that regulated product categories under SCAQMD Rule 1168 'Adhesives and Sealants' do not apply to firestopping products

^v For more information contact 3M Product Application Support at 1-800-328-1687 and inquire about Environmental, Health & Regulatory support

Product	Env. Product Declaration (EPD)?	FSC Certified Wood Products (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)	Mfg. Sustainability Report? ^{vi}	Declare Label	Declared HPD per GHS SDS ^{vii}	C2C version	Extracted, Manuf. & Purchased within 100 miles?	Mfg. Location ^{viii}	VOC Content (g/L)	Wet-(L) Applied Products Volume Used ^{ix}	RedList Free ^x	Link to 3M RDS
WT Spray	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	131.2	NA	No	Link to RDS
Putty	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	12	NA	No	Link to RDS
E-Mat	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	NA	NA	Yes	Link to RDS
Tuck-In	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	US	NA	NA	No	Link to RDS
FIP	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	EU	5.8	NA	Yes	Link to RDS
Block, Plugs, Planks	Not available	Not available	Not available	Not available	Yes - Corporate GRI	No	Yes	No	No	EU	NA	NA	Yes	Link to RDS

Note: For information on product composition greater than 1%, or chemicals of concern, please see www.3m.com/sds for Safety Data Sheets (SDS) and Regulatory Data Sheets (RDS)

Disclaimers: The information provided in this document related to material content represents 3M's knowledge and belief, which may be based in whole or in part on information provided by suppliers to 3M. This is intended to answer commonly asked questions about 3M products and is not intended to be a comprehensive listing of all substances that may be of interest or that may be regulated in this or other 3M products, nor is it intended to be a comprehensive summary of any and all regulations that may apply to this product. Where substances are listed, their listing does not infer or constitute a judgment as to their safety, environmental or health impacts. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Customers are encouraged to consult with legal and regulatory experts to determine applicable regulations in light of intended use of the product.

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