

## BUILDING PRODUCTS LISTING PROGRAM

Customer: **International Fireproof Technology Inc (IFTI)**

Class: Applied Fireproofing  
Location: Irvine, CA  
Website: [www.painttoprotect.com](http://www.painttoprotect.com)

Listing No. B1117-4  
Project No. B1117-4, Edition 3  
Effective Date: Mar 17, 2019  
Last Revised: May 25, 2022  
Date:  
Expires: <N/A>

Standards: ASTM E84 "Standard Test Method for Surface Burning Characteristics of Building Materials".

UL 723 "Standard for Test for Surface Burning Characteristics of Building Materials".

ANSI/NFPA No 255 "Standard Method of Test of Surface Burning Characteristics of Building Materials".

ASTM E2768 "Extended Duration Surface Burning Characteristics of Building Materials (30 Min Tunnel Test) " .

CAN/ULC S102 "Standard method of test for Surface Burning Characteristics of Building Materials and Assemblies".

CAN/ULC S126 "Standard Method of test for Fire Spread Underroof-Deck Assemblies".

Product: **DC360 Fire Retardant Coating.**

Description: DC360 is an intumescent water based latex coating intended for application on wood-based products used in interior conditioned spaces to provide increased resistance to flammability and smoke development.

Markings: Product is marked with labels or stamp supplied by IFTI to each container. The markings include:

- Manufacturer's name, trademark, or other recognized symbol of identification
- Product model designation
- QAI File Number B1117
- Date of manufacture or date code on the label or stamp
- Flame Spread Index / Smoke Developed Index Rating

- QAI logo shown here:



Models / Ratings: **The following outlines DC360 coating ratings determined in accordance with ASTM E84:**

SUBSTRATE	FLAME SPREAD INDEX (FSI)	SMOKE DEVELOPED INDEX (SDI)	APPLICATION (WET MILS)
Oriented Strand Board (OSB)	≤ 25	≤ 50	10
Pine Boards	≤ 25	≤ 50	10

Note: UL 723 and NFPA No 255 are equivalent and have the same ratings.

**The following outlines DC360 coating ratings determined in accordance with ASTM E84 extended 20 Minutes (ASTM E2768):**

SUBSTRATE	FLAME SPREAD INDEX (FSI)	SMOKE DEVELOPE D INDEX (SDI)	FLAME FRONT*	APPLICATION (WET MILS)
OSB	≤ 25	≤ 50	≤ 5 ft	10
Pine	≤ 25	≤ 450	≤ 5.5 ft	14

**The following outlines DC360 coating ratings determined in accordance with CAN/ULC S102:**

SUBSTRATE	FLAME SPREAD INDEX (FSI)	SMOKE DEVELOPED INDEX (SDI)	APPLICATION (WET MILS)
Pine Boards	≤ 25	≤100	6

**The following outlines DC360 coating ratings determined in accordance with CAN/ULC S126**

SUBSTRATE	DC 360 APPLICATION (WET MILS)	APPROVED BUILT UP ROOF ASSEMBLIES <sup>1</sup>
Oriented Strand Board (OSB) or Plywood.  Minimum 13 mm (1/2 inch) thickness.	Minimum 0.254 mm (10 mils)	DC 360 is approved for use with any built-up roof system installed between structural member locations without limitation.

Note 1: Installation limitations for CAN/ULC S126 requires the substrates noted installed with parallel to truss joints along truss member locations for mechanical fastening. Perpendicular to truss joints do not require blocking. Substrate is to be inspected to ensure substrate is clean, dry and in good condition prior to DC 360 application. DC 360 to be applied at minimum 0.254 mm (10 mils) wet film thickness, at temperatures from 10C – 30C for substrate bond. Application is to cover wood sheathing joints with DC360 to create continuous coating surface.

Uses: In field application, to installed wood framing and sheathing materials to reduce the Flammability and Smoke Development of various substrates. DC360 is designed for interior condition spaces. All surface preparation should be carried out in accordance with good painting practices. To only be applied and used in weather protected locations where substrate moisture content is below 18%. DC360 comes as a ready to use coating and must be thoroughly mixed before use. It can be applied with brush, roller or airless Sprayer. The mil thickness should to be checked during installation to ensure the minimum noted thickness are maintained.

See Manufactures Approved Design and Installation Documents.

Design,  
Installation &  
conditions of Use:

Notes: Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction.

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 warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the



# 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.  
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
TORONTO, ON 416.550.9280  
WEBSITE: WWW.QAI.ORG

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