



Contractor Submittal Sheet

Contractor: _____

Project: _____

FyreWrap® DPS Insulation Dryer Protection System

Product

Unifrax's FyreWrap® DPS Insulation is a high-temperature insulation blanket specifically designed, UL tested and certified to provide a single layer, one-hour rated flexible enclosure around dryer exhaust ductwork.

Product Description

FyreWrap DPS incorporates Insulfrax® Thermal Insulation as its core material. Insulfrax is a high temperature insulation made from a calcia, magnesia, silica chemistry designed to enhance biosolubility. It provides excellent insulation in a noncombustible blanket product form. The core insulation blanket is completely encapsulated in an aluminum foil fiberglass reinforced scrim covering. This scrim provides additional handling strength as well as protection from moisture absorption and tearing.

Product Properties

Product	Unit/Box	Size	WT/Box
FW DPS	2-roll	½" x 16" x 25'	22 lbs.
FW DPS	2-roll	½" x 24" x 25'	33 lbs.
FW DPS	1-roll	½" x 26" x 25'	18 lbs.
FW DPS	1-roll	½" x 48" x 25'	33 lbs.

Product Performance

Test Criteria	Description
ISO 6944 (1985)	1 Hour Ventilation Duct-Shaft alternative
UL 1479/ASTM E814	Firestop: 1-hour F & T Ratings
ASTM E-84/UL 723	Encapsulated: Flame <25, Smoke <50 Unfaced: Flame = 0, Smoke = 0
ASTM C 518	R-Value: DPS (1/2") = 2.0
EN 1094	Temperature Grade 2300°F
Code Compliance	2015 IMC Sect. 504, 604 2015 IBC Sect. 717.6.2, 713, 703

Green Building Contribution:

Contains No VOCs
Manufacturing plant location: New Carlisle, IN
Microbial Resistant, per ASTM D6329-03
R-value: DPS (1/2") = 2.0 at 75°F

Form C-1536, Effective 5/16

Listings

Listing Agency	Listing Numbers
Underwriter's Laboratory	Duct: UL Assembly No. V-32 Firestop: UL Assembly Nos. F-C-7057 & F-C-7058

System Installation

FyreWrap DPS Insulation consists of a single-layer system applied directly on to the surface of the duct.

Dryer Applications:

The width of the 16" product is tailored to provide a 1" longitudinal compression joint or overlap on a 4" dryer duct. The same technique can be used with wrapping 26" wide FyreWrap DPS on 7" diameter dryer ductwork. Adjacent pieces of insulation should be installed with a 1" perimeter compression joint or material overlap. To temporarily secure the insulation, optional use of foil tape is permitted. Seal all cut edges with aluminum foil tape to ensure there is no exposed fiber. 18 gauge steel tie wire should be utilized for permanent attachment. Locate the wire ½" from the blanket edge and on maximum 12" centers. Twist tension the wire to firmly hold the wrap system in place, but not so tight as to cut or damage the blanket.

