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architectural group

**For Every Step**

## **FIRE TEST REPORT INFORMATION**

Classic Tredfx

# **GENERAL PURPOSE TAPE - Yellow**

Anti-slip Self-adhesive Tape

For your information, please also find a link to our 'White Paper' containing some explanatory information pertaining to Fire Resistance, and covering off the details for the requirements of the [NCC 2019 and Fire Resistance of Floor Coverings](#).

### **Class 2 – 9 Properties of Floor Material and Coverings**

Specification C1.10 of the NCC 2019 states that a floor lining or floor covering must have:

- a) a [Critical Radiant Flux](#) (CRF) not less than that listed in the [Table 2](#); and
- b) in a building not protected by a sprinkler system (other than a FPAA101D or FPAA101H system) complying with [Specification E1.5](#), a maximum [smoke development rate](#) of 750 percent-minutes; and
- c) a [group number](#) complying with [Clause 6\(b\)](#), for any portion of the floor covering that is continued more than 150 mm up a wall.

For the **Classic Tredfx General Purpose Tape (Yellow)** product, the fire test properties are:

- Critical Radiant Flux: 10.5 kW/m<sup>2</sup>

A copy of the Fire Test report is on the following page.

Please also feel free to download a copy of any of our [Product Data Sheets](#) from the website.

*Please note Classic Architectural Group are not licensed Building Surveyors, nor do we in any way purport to be. We strongly recommend that you have this product verified by an accredited party that it is fit for its intended application before installation.*



# 3M Safety-Walk™ General Purpose

## Product Bulletin

Issued August 2005

January 2003

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### Description:

The product consists of abrasive particles bonded by a tough, durable polymer to a dimensionally stable plastic film. The reverse side is coated with a rubber based pressure sensitive adhesive, covered by a removable protective liner. The product provides a durable, slip resistant surface for a large variety of applications.

### Product Positioning:

Primarily for use as a durable, slip resistant surface for dry, wet, oily floors in industrial and commercial applications with intensive pedestrian or light vehicle traffic such as: corridors, production and storage rooms, ramps, stairways, ladders, footplates on machines, emergency exits ...

### Product Advantages:

- Safe, slip resistant surface
- Strong and very durable
- Resistant to chemicals
- Easy to install
- Excellent bond to most dry, clean, smooth surfaces

### Colours:

- Black #610
- Clear #620
- Yellow #630

### Standard Sizes:

#### Rolls:

- 25 mm x 18.2 m
- 51 mm x 18.2 m
- 100mm x 18.2 m
- 150mm x 18.2m
- 300mm x 18.2 m
- 600mm x 18.2m
- 914mm x 18.2 m

### Product requirements:

Property Test method	Value	
Colour:	Black	Other
Applied thickness *:	0.76	1.02
• MIL D-17951 Ships	mm	mm
Applied weight *:	560	710
• MIL D-17951 Ships	g/m <sup>2</sup>	g/m <sup>2</sup>
Resistance to U.V.:	Good	

Property Test method	Value	
Flammability:		
• IMO A.653 (16) Ships	Passes	-
• NF F16101 (trains)	M2F1	
• ASTM E 648-95a	Average critical radiant flux (W/cm <sup>2</sup> ):	
	>1.08	>1.05
NFPA 101:	Type I	Type I
GSA classification:	Class A	Class A
• Bureau Veritas (Fr):	Class 0	-
• C.A.A approval:	Yes	-
• FAR 25853-B	Passes	-
• DIN 5510 (Ge):	SF 3	-
Smoke Density and Toxicity:		
• IMO MSC 61-(67) Annex 1, Part 2.	Passes	
Smoke Density (Dm corrected):		
• ASTM E622-94a		
Flaming	69	83
Non-Flaming	84	90
Minimum application temperature:	4°C / 40°F	
Minimum service temperature:	Minus 40°C	
Maximum service temperature:	79°C / 175°F	

Dynamic coefficient of friction			
MIL-D-17951 Ships			
Surface	Condition	Values	
Rubber	Dry	1.24	1.12
	Water	1.20	0.92
	Oil	0.80	0.59
Leather	Dry	0.93	0.83
	Water	1.14	0.89
	Oil	N/A	N/A
Static coefficient of friction:			
• MIL-D-17951 Ships			
Surface	Condition	Values	
Rubber	Dry	1.32	1.27
	Water	1.29	1.09
	Oil	0.98	0.77
Leather	Dry	1.12	1.11
	Water	1.45	1.11
	Oil	N/A	N/A
Slip resistance:			
• DIN 51130 (ZH1/571)			
• AS 4586:1999			
- Friction (dry)	R =	13	12
- Volume (ml/dm <sup>2</sup> )	V =	-	4
			11

- Typical average values
- Values for clear
- Value for yellow

