



SCAFFOLD CLADDING MATERIAL FR

Product Name

Monarflex® Super T Plus FireSmart®

Description

Monarflex® Super T Plus FireSmart® is made from a three-ply composition with the two outer layers being made from a special highly weather resistant co-polymer LDPE with flame retarders that encapsulate a super strong high tenacity grid that forms the weather protection.

Intended Use

Monarflex® Super T Plus FireSmart® is the UK's market leading high performance, flame retardant Scaffold sheeting, with exceptional strength and wind resistance and is proven to withstand the rigors of long-term construction or demolition work exceeding 12 months.

On top of the sheet there are rubber fixing eyelets in pre-set patterns that fit virtually any type of scaffold. The eyelets, which are patented, are welded onto the sheet to provide the strongest and most durable eyelet fixing on the market.

Upper Layer	Coated Co-polymer LDPE
Type of Reinforcement	12 mm x 10 mm PP Leno weave grid
Lower Layer	Blown Co-polymer LDPE
Eyelet/Structural Type	Rubber eyelet welded to sheet
Colour	White

Characteristic	Test Method	Value or Statement	Tolerance	Units
Length	EN 1848-2	36; 40; 45	±1 %	m
Width	EN 1848-2	2.0; 2.25; 3.0; 4.0	-0.5 / +1.5 %	m
Film thickness	EN 1849-2	0.2	±5 %	mm
Effective thickness	EN 1849-2	0.71	±25 %	mm
Membrane mass per unit area	EN 1849-2	258	-5 / +10 %	g·m ⁻²
Water tightness	EN 1928 (B)	Pass Class W1	-	-
Tensile strength (MD)	EN 12311-2	> 630	-	N/50 mm
Tensile strength (TD)	EN 12311-2	> 630	-	N/50 mm
Elongation (MD)	EN 12311-2	>10	-	%
Elongation (TD)	EN 12311-2	>10	-	%
Flexibility at low temperature	EN 1109	≤ -20	-	°C
Tear Resistance	EN 12310-2	≥ 200	-	N
Eyelet Pull Out	BS 2576:1986 As required in BS 7955	≥ 800	-	N
Impact Test	BS7955, Annex A	Conforms	-	-
Puncture Test	BS7955, Annex B	Conforms	-	-
Light Transmission	Monarflex Int. Test	>75	±10 %	%

MD = Machine Direction. TD = Transverse Direction.

PACKAGING

Roll Size	Roll Area	Eyelet Rows	Sheet Mass per Unit Area	Net roll weight
2.0m x 45m	90 m ²	3	236-241 gsm	21.63kg
2.25m x 40m	90 m ²	4	236-241 gsm	21.69kg
3.0m x 45m	135 m ²	4	236-241 gsm	32.49kg
4.0m x 36m	144 m ²	6	236-241 gsm	34.09kg

Storage

Rolls are delivered on pallets, individually wrapped with PE film. These materials should, when removed from pallets, remain stored on their side, under cover and on a flat, level surface, and protected from mechanical damage and heat sources. During storage exposure to direct sunlight is to be avoided.

Installation Summary

Monarflex® Super T Plus FireSmart® can be applied both vertically and horizontally always taking care to overlap the lower sheet externally for weather protection and overlap lower sheet internally if used for containment. The eyelets from a system that suit most standard scaffold systems.

Fixing the sheeting to the scaffold must be done according to calculations taking factors like wind, building season and height of the surrounding buildings into consideration. We recommend the use of 1 fixing/m² but any fixing must be placed according to calculations for each project.

Safety, Quality & Environment

Manufactured under a Quality Management System by TUV SUD Slovakia s.r.o.

Monarflex® Super T Plus FireSmart® has been assessed against the requirements of the Technical Schedule(s) – denoted below and are approved for use subject to the conditions appended hereto:

TS 62 Reaction To Fire Requirements, Materials Used to Clad Scaffolding.

CERTIFICATE OF APPROVAL

No. CF 6075. 15th August 2022



Information regarding transportation, handling and disposal can be found on the Safety Data Sheets.

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These properties are the Manufacturers' typical values based on the average of several tests. As the installation and handling of this product is beyond our control, the user must ensure that the product is suitable for the application. Ockwells cannot accept responsibility for any loss or damage that may occur either directly or indirectly by the use of this product. Ockwells also holds the right to change specification data without prior notice.