CERTIFICATE OF COMPLIANCE

Scafclad™ FlameX 230gsm Encapsulation Sheeting meets compliance requirements for Australian Standard AS1576.7

PRODUCT	Scafclad FlameX 230gsm (Scafclad Super)
AUSTRALIAN STANDARD	AS1576.7 Part 7: Safe use of encapsulation on scaffolding
COMPLIANCE	Scafclad FlameX 230gsm meets AS1576.7 requirements for non-structural scaffold encapsulation. When tested to Australian Standards AS1530.2, Scafclad FlameX 230gsm achieved a Flammability Rating of 1.
MANUFACTURER	Sitemax Group Pty Ltd (Australia)

flameX

Scafclad™ Super
Exceeds Burst Pressure Requirements
WHS Act 2011 | 315D
QLD GOV

SITEMAX

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PRODUCT DESCRIPTION	Scafclad™ FlameX 230gsm (Scafclad Super)

ROLL WIDTH | LENGTH | WEIGHT | PALLET QTY	2m x 45m	21.2 kg	30 per pallet
	4m x 22.5m	21.2 kg	32 per pallet
	4m x 45m	41.9 kg	16 per pallet
	*Custom lengths available on request		

MATERIAL	UV Stabilised High-density Polyethylene (PE) and Low-density Polyethylene (LDPE)

MAXIMUM FORCE & ENLONGATION AS2001.2.3.1–2001 | 24-002185*	Mean Maximum Force: Length: 1200 N/50mm Width: 1100 N/50mm	Mean Elongation at Maximum Force: Length: 23.5% Width: 22.5%

BURSTING PRESSURE AS2001.2.4–1990 | 24-002185*	Mean: 2550 kPa	Variation: 2.3%

GSM	230gsm

Scafclad™ Super
Exceeds Burst Pressure Requirements
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FLAMMABILITY TEST SMALL SCALE AS1530.2 | AS1576.7 | 24-002184*	Flammability Index: 1

FLAMMABILITY TEST MID-SCALE AS1576.7 & BS7955:1999 | FE3179-RPT-01*	Pass

FLAMMABILITY TEST NFPA701 Method 2 | M270-24-03072*	Pass

SOLIDITY AS/NZS1170.2	100%

SCAFCLAD COLOURS	Translucent white – Custom printing options available

SCAFCLAD™ FLAMEX 230GSM

SKU	SIZE	PALLET QTY	GSM	FLAME RETARDANT	BRAND
SCP-F26-245	2m x 45m	30			
SCP-F26-422	4m x 22.5m	32	230	flameX	THE ORIGINAL Scafclad™ PROUDLY OURS
SCP-F26-445	4m x 45m	16			

STORAGE INSTRUCTIONS	Sitemax recommends storing rolls on pallets or in large stillages protected from UV where possible to ensure maximum life. Scafclad Super must not be dropped or dragged along ground when moving rolls.
APPLICATION	Suitable for use as non-structural encapsulation to contain dust or other environmental contaminants. It can be used as a secondary layer for structural applications when risk of falling objects needs to be managed. Contact us for more information.
INSTALLATION	Scaffolding and any other structures Scafclad Super is fixed to must be engineered prior to installation to ensure the structure can withstand the additional wind loading.
	Installation must only be done during suitable weather conditions. Scafclad Super is typically installed on the outside face of the scaffold for most effective dust containment. When installing on the outside of the Scaffold care needs to be given to ensure rolls are not dropped and installers are not injured supporting the weight of the rolls on the outside of the scaffolding during the installation. Mechanical lifting aides may be needed.
	Other site specific risks need to be assessed by a competent person before installation.
	Step 1: Fix Scafclad Super at the start of roll – top and bottom.
	Step 2: Unroll Scafclad Super in as long as runs as possible fixing with minimal ties – focus can be on handling roll not ensuring every fixing location is tied.
	Step 3: Follow recommended fixing spacing in Figure 1 and fix in all required locations. Partially secured sections of sheeting during installation must be kept to a minimum in case of any unexpected wind gusts.
REMOVAL	**Step 1:** Cut ties, ensuring any weathered or damaged ties are discarded.
	Step 2: Re-roll sheeting keeping partially secured sections of sheeting during removal to a minimum in case of any unexpected wind gusts. Ensure damaged or contaminated sheeting is suitably disposed, and only suitable sheeting is stored for reuse.
FIXING REQUIREMENTS	Scafclad Super sheeting is designed to be fixed using the elastic toggle ties (SKU: SCF204 or SCF025). Attached correctly, elastic ties are loose when in calm weather & stretch with the force of the wind.

FIXING REQUIREMENTS

Installation is best carried out with toggle ties instead of cable ties for two reasons:

1) Toggle ties spread the load across a wider area, helping prevent tearing under load.

2) Unlike cable ties, toggle ties have elasticity, minimizing shock loading on the containment sheeting and on the scaffolding.
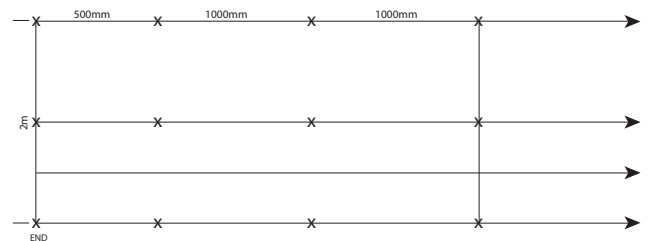

FIGURE 1

PROOFING

Scafclad Super can be installed vertically or horizontally depending on the shape of the scaffold being encapsulated. For Horizontal installations the overlaps are best done according to the main application of the encapsulation.

Weather Proofing
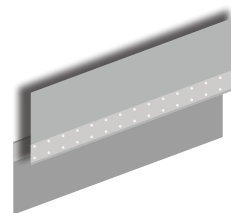Upper sheets should overlap lower sheets to prevent rain entering, as shown in Figure 2.

Dust Proofing
Lower sheets should overlap upper sheets to prevent dust escaping, as shown in Figure 3.
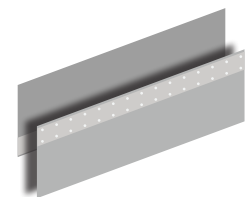For 100% encapsulation, joints are to be taped.

FIGURE 2

FIGURE 3

SHEETING JOINS	To join sheeting, use male to female snap joining buttons (SKU: SCF201) or joining screw buttons (SKU: SCF200). For sealed joins, use double-sided sealing tape (SKU: SCF081), cloth tape (SKU: SCF090), or Shrinkclad™ white tape (SKU: SCWWT96). All recommended fixtures are demonstrated in Table 1.
SERVICING & INSPECTION	Scafclad should be inspected for damage whilst installing and monitored for damage throughout time in use. Any section of Scafclad that has excessive damage should be cut out and discarded. Any small holes in Scafclad can be repaired with cloth tape or shrink-tape. Damage that requires repairs may be caused by one or more of the following: - Arresting a material fall - Rough handling of rolls - Holes that have been cut to fit around scaffold members - Sparks from welding grinding or cutting - Hot exhaust - Chemical spills - Severe weather
LIFESPAN	Scafclad FlameX 230gsm lifespan is up to two years if undamaged.
COMPLIANCE	Scafclad is fully compliant as a non-structural encapsulation with AS1576.7 Appendix A when installed and inspected in accordance with this document.
MANUFACTURER	Sitemax Group Pty Ltd

The above products have been tested in certified laboratory conditions by approved testing companies. *Refer to test reports for full results

TABLE 1: RECOMMENDED FIXTURES FOR SCAFCLAD SUPER

SKU	SIZE / QTY	DESCRIPTION	IMAGE
SCF204	100/pkt 10 pkts/ctn	Scafclad Elastic Fixing Ties with Pointed Tips	
SCF200	100/pkt	Scafclad Joining Screw Buttons	
SCF201	100/pkt	Scafclad Snap Joining Buttons (Male & Female)	
SCWWT96	96mm x 55m	Scafclad/Shrinkclad White Tape	
SCF081	50mm x 50m	Double-sided Sealing Tape	
SCF090	96mm x 25m	Cloth Tape	

SCAFCLAD™ ENCAPSULATION SHEETING
PRODUCT RANGE

SITEMAX

DUSTCLAD™ ENCAPSULATION SHEETING

SKU	SIZE	PALLET QTY	GSM	HEAVY DUTY	FLAME RETARDANT
SCP-15-245	2m x 45m	30			
SCP-15-422	4m x 22.5m	32	150	X	✓
SCP-15-445	4m x 45m	20			

SCAFCLAD™ ENCAPSULATION SHEETING

SKU	SIZE	PALLET QTY	GSM	HEAVY DUTY	FLAME RETARDANT
SCP-25-245	2m x 45m	30			
SCP-25-422	4m x 22.5m	32	240	HD	X
SCP-25-445	4m x 45m	16			
SCP-F20L	2m x 45m	30	200	X	✓
SCP-F20-245	2m x 45m	30			
SCP-F20-422	4m x 22.5m	32	215	X	flameXX
SCP-F20-445	4m x 45m	16			
SCP-F26-245	2m x 45m	30			
SCP-F26-422	4m x 22.5m	32	230	SUPER HD	flameXX
SCP-F26-445	4m x 45m	10			

Tested to AS1576.7 & AS1530.2. All Scafclad and Dustclad encapsulation sheeting can be slit or joined to any length or width. Common cut sizes are 1m x 45m or 3m x 45m. Reduce weight per roll and risk of back injury by asking us to cut length in half.

NEED TO KNOW MORE?

Request a copy of our comprehensive testing data and reports for Scafclad Super by contacting our Customer Happiness Team.

📞 1800 007 557

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