SAINT CLAIR TEXTILES

ARCHITECTURE

LAC 720 SLF, LAC 950 SLF
LAC 1050 SLF, LAC 1050 SLF BO

APPLICATIONS :
Tensile architecture

LAC 720 SLF
TYPE I

12 ANS YEARS
GARANTIE - WARRANTY
Please contact us for warranty conditions

FINITION CLEANGARD SLF
WELDABLE PVDF
Both Sides Weldable
PVDF lacquering

720 g/m²

M2 / B1 / BS
NFPA701
B-S2-D0

3m

7310
3.00 m x 60-250 lm

75	Solar Reflexion (%)		15	Solar Absorption (%)
Gtot EXT 0.08	Solar factor of the combination of fabric + reference glazing C		15	Translucency (%) XP-T 54199

LAC 950 SLF
TYPE II

15 ANS YEARS
GARANTIE - WARRANTY
Please contact us for warranty conditions

FINITION CLEANGARD SLF
WELDABLE PVDF
Both Sides Weldable
PVDF lacquering

950 g/m²

M2 / B1 / BS
NFPA701
B-S2-D0

3m

7310
3.00 m x 60-200 lm

76	Solar Reflexion (%)		16	Solar Absorption (%)
Gtot EXT 0.07	Solar factor of the combination of fabric + reference glazing C		12	Translucency (%) XP-T 54199

OUR PRODUCTS ARE DURABLE

The range of SLF products uses reinforced formulations, optimising resistance to environmental exposure.

Variations of temperature, relative humidity, exposure to UV will have a reduced effect on textile ageing.

SYSTEM LOWICK

Saint Clair Textiles's unique anti-wicking process helps the fabric to last longer and look like new.

Classic coatings

Moisture penetration

Saint Clair Textiles's LOWICK System

Total coating impregnation of the yarn

TREATMENT ON BOTH SIDES

FINITION CLEANGARD® SLF WELDABLE PVDF

The smooth Cleangard topcoat lacquer prevents soiling and facilitates cleaning. A solid protection against weathering.

AVANTAGES

- All-weather resistant
- Longer life
- Easier to clean
- Suppleness
- Very good weldability
- Smoother surface, less prone to soiling.

EASE OF CLEANING AND RESISTANCE TO SOILING

Standard varnish

BEFORE AFTER CLEANING

PVDF varnish
Cleangard SLF

BEFORE AFTER CLEANING

PRODUCT AGEING

This range of products has undergone accelerated ageing tests (3750h - equivalent to 15 years in the South of France) in the best laboratories and has been shown to maintain its high mechanical performances with very little change in the aesthetic appearance of the material.

Ageing data are provided coming from a study whose goal was to assess the photo-ageing behaviour and durability by means of an accelerated artificial exposure in an SEPAP 12/24 chamber following the provisions of the EN 16472 :2014 standard.

DESIGNED AND TESTED TO ENSURE SAFETY

To ensure the safety and durability of your creations, the resistance of welds made on the SLF range, was tested for 24 hours at 70°C on each production to simulate extreme conditions.

THERMAL AND VISUAL COMFORT

Black-Out Version *

Maximum thermal comfort

**LAC 1050 SLF-BO*

Version SLF classique**

Thermal & luminous comfort

***LAC 720 SLF - 950 SLF - 1050 SLF*

AESTHETIC FEATURE: MAINTAINS THE TRANSPARENCY OF COLOURS

In addition to the raw materials chosen for their regularity, each of our productions undergoes visual and comparative measurements in order to ensure their homogeneity.

(The average of colour changes (delta E) observed, is less than 0.6)

	LAC 720 SLF	LAC 950 SLF	LAC 1050 SLF*	LAC 1050 SLF BO*
			** This is not a standart product, only on request*	
Base cloth	1100 dtex PES HT	1100 dtex PES HT	1100 dtex PES HT	1100 dtex PES HT
Width	3.00 m	3.00 m	3.00 m	3.00 m
Coating	PVC (Lowick)	PVC (Lowick)	PVC (Lowick)	PVC (Lowick)
Finish	Cleangard **PVDF** both sides	Cleangard **PVDF** both sides	Cleangard **PVDF** both sides	Cleangard **PVDF** both sides
Total weight	720 g/m²	950 g/m²	1050 g/m²	1050 g/m²
Tensile strength > NF EN ISO 1421	260/250 daN / 5 cm	400/400 daN / 5 cm	400/400 daN / 5 cm	400/400 daN / 5 cm
Tear strength > DIN 53363	32/28 daN	55/50 daN	55/50 daN	55/50 daN
Adhesion > NF EN ISO 2411	10 daN / 5 cm	12 daN / 5 cm	12 daN / 5 cm	12 daN / 5 cm
Elongation under load (Wa / We) > NF EN 15619	< 1% / <2%	< 1% / <2%	< 1% / <2%	< 1% / <2%
Residual deformation (Wa / We) > NF EN 15619	< 0.4% / <0.8%	< 0.4% / <0.8%	< 0.4% / <0.8%	< 0.4% / <0.8%
Temperature resistance > NF EN 1876-2	-40°C +70°C (24h)	-40°C +70°C (24h)	-40°C +70°C (24h)	-40°C +70°C (24h)
Flame Retardancy > NF P 92503 / DIN 4102 / BS 7837	M2 B1 / BS NFPA701 B-S2-D0	M2 B1 / BS NFPA701 B-S2-D0	M2 B1 / BS	M2 B1 / BS

Average values. The buyer of our products is responsible for checking the validity of the above data, on the latest data sheet available at ***www.saintclairtextiles.com***

SCTEX.FR/L720SLF

SCTEX.FR/L950SLF

SCTEX.FR/L1050SLF

SCTEX.FR/L1050SLFBO

Let your imagination speak ...

textiles from Saint Clair Textiles adapt to all kinds of shapes and will help you to produce unique, modern creations.

Technical data / Certificats...

[FR] Fiches techniques / PV Feu...

[DE] Technische Daten / Zertifikate ...

[ES] Datos técnicos / Certificados ...

[IT] Dati tecnici / Certificati ...

SCTEX.FR/ARCHI

Average values. The buyer of our products is responsible for checking the validity of the above data, on the latest data sheet available at ***www.saintclairtextiles.com***

Valeurs moyennes. Il est de la responsabilité de l'acheteur de nos produits de vérifier qu'il possède les données en vigueur au travers de la dernière fiche technique disponible sur www.saintclairtextiles.com / Alle angegebenen Werte sind ca.Werte. Es obliegt dem Käufer unserer Produkte, die Gültigkeit der obenstehenden Angaben zu überprüfen, on the latest data sheet available at www.saintclairtextiles.com / Valores medios. Es responsabilidad del comprador de nuestros productos verificar la validez de los datos, on the latest data sheet available at www.saintclairtextiles.com / Valori medi. è di responsabilità dell'acquirente dei nostri prodotti di controllare la validità dei presenti dati, sull'ultima scheda tecnica disponibile www.saintclairtextiles.com

SYSTEM LOWICK

MADE IN FRANCE

RESOURCE

FINITION CLEANGARD SLF WELDABLE PVDF

REACH COMPLIANCE

vinyl plus COMMITTED TO SUSTAINABLE DEVELOPMENT

Beyond technical textiles

SAINT CLAIR TEXTILES

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www.saintclairtextiles.com

MANAGEMENT SYSTEM CERTIFICATION DNV·GL ISO 9001=ISO 14001

2ottobre2020 R36