SPRADLING®

Valencia™ Biosense

+50% Bio-Attributed Polymer
COMMERCIAL SPECIFICATION

GENERAL

Weight	645 ± 65 g/m²
Width	Mín. 1.37 m
Roll Length	30 m
Composition	Vinyl / Urethane Topcoat
Gauge	1.10 ± 0.16 mm

BACKING

Description	Hi-Loft²™ RPET (Global Recycled Standard)
Weight	130 g/m² - ISO 2286-2
Type	Polyester

SUSTAINABLE PRODUCT PROFILE

ATTRIBUTES

Bio-Attributed Polymer	BIO ATTRIBUTED POLYMER	Backing Profile	Hi-Loft²™ RPET
Phthalate Free	REACH Annex XVII, Items 51 & 52	Free of Flame Retardant Additives	AB-2998 CERTIFICATE
No Heavy Metals	EN 71-3 CERTIFICATE	Biocompatibility - Cytotoxicity	ISO 10993-5 CERTIFICATE
Skin Safe - Sensitization	ISO 10993-10 CERTIFICATE	Skin Safe - Irritation	ISO 10993-23 CERTIFICATE
Free of Antimicrobial Additives	ASTM E2149		

CERTIFICATIONS

*To see the certification document, click on the PDF logo
*To know more about each certification, click here

SEALS WE CONTRIBUTE TO

INTERNATIONAL WELL BUILDING INSTITUTE™

U.S. GREEN BUILDING COUNCIL LEED CERTIFIED USGBC

SUSTAINABLE MANUFACTURING CERTIFICATIONS

CARBONO NEUTRO CERTIFICADO · ISO 14001 · ISO 45001 · ISO 50001

COMPLIANCES

REACH COMPLIANT · RoHS COMPLIANT · PROP 65 COMPLIANT

ADDITIONAL TESTS

Tensile Strength Test - ISO 1421 M1

N(Min.)	Warp	405
	Fill	198

Elongation At Break Test - ISO 1421 M1

%(Ave.)	Warp	54
	Fill	116

Tear Strength Test - ISO 4674-1 MB

N	Warp	27
	Fill	28

Stitching Strength Test - DIN 54301

N(Min.)	Warp	45
	Fill	28

Adhesion Test - ISO 2411

N(Min.)	Warp	26
	Fill	26

Abrasion Resistant III Test - UNE - EN ISO 12947 pdf - Certificate

MARTINDALE		> 300,000 Cycles

Crocking Resistant I Test (ISO 105-X12)

---------	Wet	5 - 4/5
	Dry	5 - 4/5

UV stability Test pdf - Certificate

Xenotest	ISO 105-B02 Blue Wool	Cal≥7 1,000 Hours = Passes

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ADDITIONAL TESTS

Cold Crack Test pdf - Certificate	
CFFA-6a	-23 °C

FLAME RETARDANCY

EU EN 1021 Part 1 & 2	Pass	US CAL TB 117-2013, Section 1	Pass
DE DIN 4102	B2	EU EN 71-2	Pass
EU/US IMO FTPC Part 8	Pass	US FMVSS 302	Pass
US UFAC Fabric Class 1	Pass	US NFPA 260 - Class 1	Pass

This term and any corresponding data refer to the typical performance in the specific tests indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions.

OTHER ATTRIBUTES

Anti Static	ASTM D257	Sulfide Stain Resistance	FISHER BODY TM 31-12
EcoSense		Antistatic	Yes
MED	Yes	UKCA	Yes

MANUFACTURING CERTIFICATIONS

2923/2025 8512/2025

WARRANTY

*Terms and Conditions apply.

Note: The data correspond to minimum results of the statistical analysis. The information included in the specification is subject to change.
The indicated data corresponding to the material's physical characteristics are results of test conducted under standard procedures and are subject to variation. We therefore recommend our customers to evaluate the material with regard to the specific requirements and application(s) before specifying. For additional information, please contact your sales representative.
These terms and any corresponding data refer to the typical performance in the specific tests indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions.
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Conscious of our impact. Designed for the long run.

SPRADLING®
For the long run

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