TENSILE ARCHITECTURE

Classic range

FLUOMAX™ PVDF LACQUERING

BOTH SIDE FLUORINATED UV TOP-COATED FABRICS

FLUOMAX™ / T4108 / 1350 gr.

LIST OF PROPERTIES	MEASUREMENT METHODS/ CLASSIFICATIONS	
		T4108
MATERIAL COMPOSITION		
BASE FABRIC	DIN ISO 2076	PES
YARN IN DTEX	DIN ISO 2060	1670
TOTAL WEIGHT IN GR./M²	EN ISO 2286-2	1350
THICKNESS IN MM		1.15
TOP SURFACE TREATMENT		FINE-TUNED WELDABLE PVDF-LACQUER COMPOUND ON BOTH SIDES, LOW-WICK, MICROBIAL AND FUNGICIDE PROTECTED, UV-PROTECTED
BACK SURFACE TREATMENT		
MECHANICAL PROPERTIES		
TENSILE STRENGTH IN N/50 MM	EN ISO 1421/1	8000/7000
TEAR STRENGTH IN N	DIN 53363	1200/1200
ADHESION N/50 MM	EN ISO 2411	120
CRACK RESISTANCE	100000 X DIN 53359 A	NO CRACKS
PHYSICAL PROPERTIES		
LIGHT TRANSMITTANCE (%)	550 NM	3%
REFLECTION		92%
ABSORBTION		5%
LIGHT FASTNESS	DIN EN ISO 105 B02	7-8 NOTE
TEMPERATURE RESISTANCE		-30°C / +70°C
FIRE CLASSIFICATION		B1 (DIN 4102), GOST, EN13501-1, C-S2-D0
WARRANTY (Y)		15 YEARS
STANDARD ROLL WIDTH	CM	250

SIOEN

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p r o c e s s e s

FULL INTEGRATION AND IN-HOUSE SUPPLY-CHAIN CONTROL:
All capable resources are vertically fully integrated, making us the only full service provider able to offer the entire production process in-house. Our own portfolio ranges from chemicals to yarns, raw fabric and pigment pastes to coating and lacquering of technical textiles. Our capability is ensured through 5 coating techniques in 7 coating plants, 3 weaving units and one spinning mill all over Europe.

One-gO™ COATING PRODUCTION SYSTEM

Our unique state-of-the-art machinery allows to coat back and front side of the fabrics in one run, avoiding stop-andgo in between the various layering and lacquering processes. Herewith the product is not exposed to unfavorable thermal or mechanical shocks, so that the final product is unbeatable quality wise. The One-gO process provides an extraordinary product stability, flat stretched fabric with better overall distensile properties and short lead times.

FLUOMAX™ · One-gO STEADINESS COATING SYSTEM · 15 YEARS WARRANTY · REACH COMPLIANT CERTIFIED · EUROPEAN STANDARD · 100% RECYCLABLE · ISO 9001 QUALITY SYSTEM CERTIFIED · ISO 14001 QUALITY SYSTEM CERTIFIED · vinyl plus

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