

Non-combustible facade
mesh



Applications

New building facades
Rehabilitation or extension
Shading solutions



■ Maximum fire safety

Frontside Safe P35 is a perforated composite membrane

- Non-combustibility: European classification - Euroclass A2, S1 d0
- Resistance to high temperatures: up to 200 °C for PTFE coating and up to 700 °C for micro-yarn base cloth

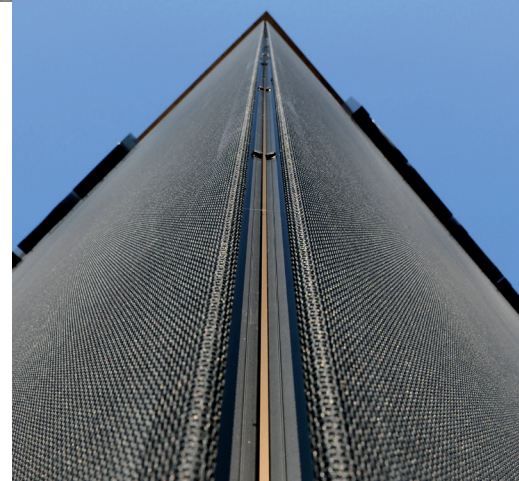
■ Optimized visual and thermal comfort

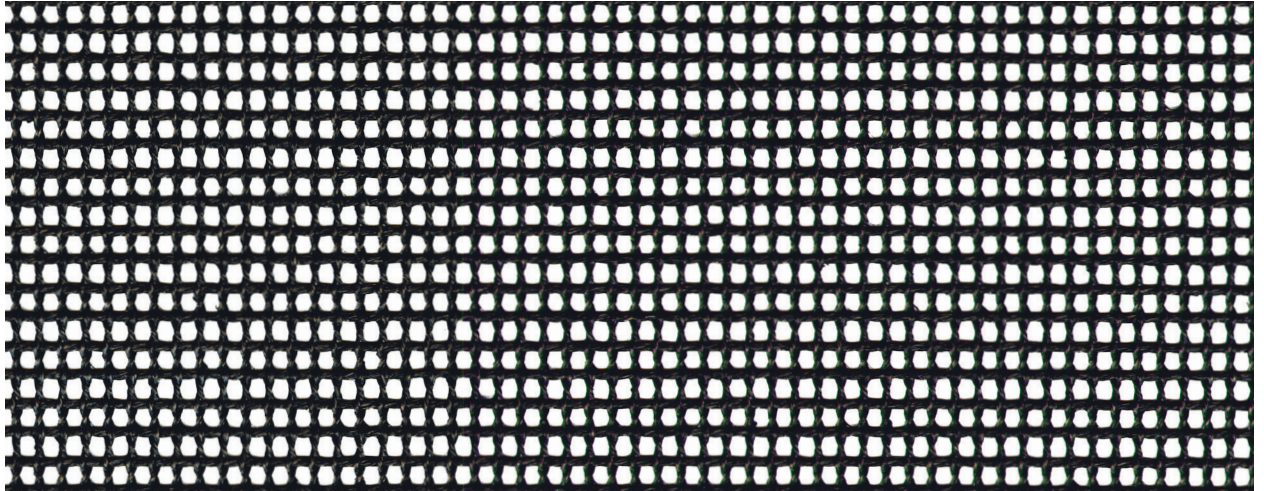
- Filters heat and contributes to building thermal control
- Controls the supply of natural light by avoiding glare effects
- Maintains visual contact with the outside world through a unique cross view

■ Aesthetic and structural durability

- Easy upkeep: its non-stick surface is self-cleaning simply under rain action
- Strength: incorporates a base cloth made of glass micro-yarn as strong as steel

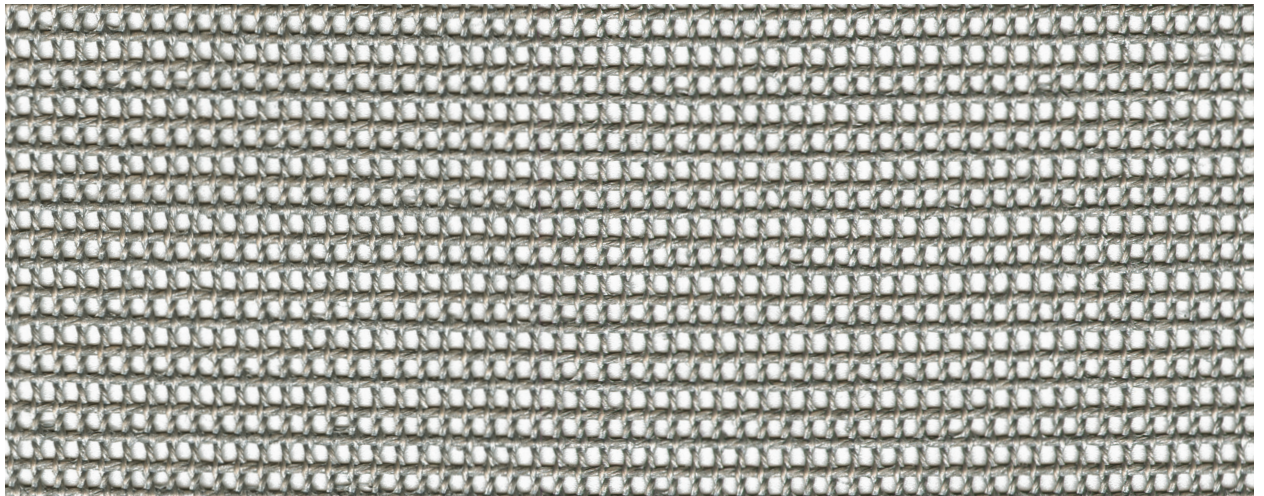
A non-combustible facade meeting the most stringent fire safety requirements





Charcoal 270 cm

6005651



Palladium 270 cm

6005649

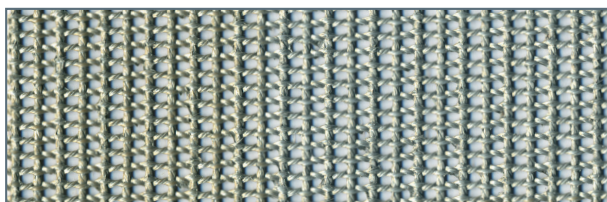
■ **Solar and light properties** (according to EN 14501)

References	RS	TS	AS	TV	g_{tot}^e
6005651	2	38	60	38	0,21
6005649	24	40	36	40	0,20

RS: Solar Transmission as a %
TS: Solar Reflection as a %
AS: Solar Absorption as a %
RS + TS + AS = 100% of the incident energy
TV: Transmission of Visible light as a %
g_{tot}^e: External solar factor
Type "D" glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4; Argon filled)

■ **Developing colour of Palladium**

Frontside Safe P35 Palladium acquires its final colour after exposure to natural UV for a few days.



Before

After

Frontside

Safe P35

	■ Technical properties	Standards
Yarn	Fibre glass	
Coating	PTFE	
Weight	675 g/m ² - 19.91 oz/sqyd	EN ISO 2286-2
Standard format length	From 100 ml to 150 ml - 109 yds/164 yds	
Thickness	1,1 mm - 1100 microns	EN ISO 5084
Width	270 cm - 106.3 inches	(-1 mm/+1 mm)
■ Physical properties		
Tensile strength (warp/weft)	330/430 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	45/55 daN	DIN 53.363
Porosity	35%	
Extreme working temperatures	+ 200 °C - 392 °F	DIN 53.363
■ Flame retardancy		
Rating	A2/DIN 4102-1 • MO/EN ISO 1716 • Class 1/BS 476 • ASTM E136 (glass fabric) • G1/GOST 30244-94	
Euroclass	A2-s1,d0	EN 13501-1
■ Management systems		
Quality		ISO 9001
Environment		ISO 14001
■ Certifications, labels, warranty, recycling		



15-year warranty



With S+ Serge Ferrari goes further than the standards... (consult us for further information)

■ Tools and services

— Document and photo libraries: www.sergeferrari.com

The technical data above are average values with a +/- 5% tolerance.

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Special length cuts not available.

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EN

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