SO-178

Solid

A dark, cool solid colour in blue, with a matte surface. Suited to cabinets and furniture.

SURPHETTA SKU	SO-178	COLLECTION	Solid
FAMILY	Solid colour	COLOUR	Blue, dark tone
SURFACE	Matte	ROLL	1220 mm × 50 m (48 in × 164 ft)
SUITED TO	Cabinets, Furniture	PREVIOUSLY MARKED AS	S173

DATA SHEET

CONSTRUCTION	Printed, embossed film with pre-applied air-channel pressure-sensitive adhesive	THICKNESS	250 µm
ROLL SIZE	1220 mm × 50 m (48 in × 164 ft)	FIRE PERFORMANCE	Class A (Class 1) to ASTM E84; B1 not-easily-flammable to DIN 4102-1
ENVIRONMENTAL	VOC-free; resistant to mould and fungus	WARRANTY	10 years on the film; 5 years on installations by Surphetta certified installers
SUBSTRATES	Wood, MDF, painted drywall, metal, glass, laminate and plastic, correctly prepared	APPLICATIONS	Walls, ceilings, doors and frames, casework, columns, reception joinery, lift interiors and commercial fit-out

PUBLISHED TEST DATA

PROPERTY	RESULT	METHOD
Pencil hardness	3H	ASTM D3363 (750 g)
Abrasion loss	15.1 mg	ISO 9352, CS-10 wheel, 1,000 g, 1,000 cycles
Peel adhesion	7.83 N/mm at 30 min, 10.29 N/mm at 24 h, 6.71 N/mm after ageing	KS T 1028, 180° peel from steel
Elongation at break	220% transverse, 80% machine	KS T 1028
Tensile strength	42.9 N/10 mm transverse, 60.2 N/10 mm machine	KS T 1028
Right-angle tear	21.0 N transverse, 18.8 N machine	KS M 3505
Fungal resistance	Rating 0, no growth in 28 days (control: heavy growth)	ASTM G21, five fungi (SGS, 2025)
Bacterial resistance	No growth in 21 days (control: growth)	ASTM G22 (SGS, 2025)
Stain resistance	No change after 24 h contact: coffee, cola, wine vinegar, olive oil, ethanol, acetone, 5% acetic acid, 5% ammonia, 0.5% detergent and others	Manufacturer test series
Global warming potential	1.96 kg CO_2 eq./m²	Environmental Product Declaration
Application temperature	12 to 38 °C (54 to 100 °F); full adhesive strength in 3 to 7 days	Manufacturer guidance

COMPLIANCE

ASTM E84 CLASS A
Interior finishes across the range for US interior use. Also reported to CAN/ULC-S102 and DIN 4102-1 (B1).

LIFT INTERIORS
ASME A17.1, CSA B44 and TSSA recorded in the manufacturer's bulletin.

MATERIAL CONTENT
Cadmium, lead, mercury and hexavalent chromium not detected. Phthalates under 50 mg/kg. No formaldehyde released.

CARE AND MAINTENANCE

AFTER INSTALLATION
Allow 3 to 7 days for the film to reach full adhesion before the final quality check.

DAILY CLEANING
Soft sponges or microfibre cloths, so the surface is not scratched.

STAINS
For hard-to-remove marks, a 1:1 mix of ethanol and water. Melamine sponges are recommended.

AVOID
Harsh abrasive cleaners and scouring pads, cutting with a knife on the film, and hot metal objects on the surface.

REPAIR
If an edge lifts, call your installer before it spreads.

Figures published by the manufacturer. Confirm current specification and certification for the project of record. Swatch shown for reference; colour may differ from the product.

Surphetta by Spartan Surfaces
800-997-7604 · inquire@spartansurfaces.com
www.surphetta.com/finishes/so-178-solid