

*smartfoil***CLASSIC** by Schattdecor *smartfoil***REAL** by Schattdecor *smartfoil***3D** by Schattdecor *smartfoil***EVO** by Schattdecor *smartfoil***MAT+** by Schattdecor *smartfoil***ECO** by Schattdecor *smartfoil***NATURE** by Schattdecor

PRODUCT NAME	Smartfoil		
BASIS	Pre-impregnated paper or low basis weight paper		
DECORS	Over 1,000 wood, stone, abstract and solid colour decors available!		
LIGHTFASTNESS RATING	Blue wool scale rating: ≥ 6 in conformity with DIN EN ISO 4892-2, DIN EN 20105-A02		
LACQUERS	EB curing lacquers, clear and pigmented; radiation-hardened, water-based lacquers, clear, pigmented, recoatable.		
APPLICATIONS	For furniture surfaces in living rooms, bedrooms, teen bedrooms and workrooms, and for lamination, pressing, profile wrapping and panel production. Can be used on radiuses up to 1mm. Prior trials are required on sharp edges. Not suitable for damp interiors and outdoor use.		
SUBSTRATES	Particleboard and MDF boards; hardboard and further wood-based materials. Mouldings, plastic and metal in combination with suitable adhesive systems. Prior trials are required in the case of other substrates.		
PROCESSING	On roller and flat platen presses as well as panel wrapping and profile wrapping machines with all commercially available adhesive systems tested for use with the product in question. Manual application to substrate on request.		
SURFACE TEXTURES ¹	Smooth, gloss/matte effect, 3D texture, recoatable; can be provided without a lacquer topcoat on request. Available in various resistances.		
RESISTANCES ²	Quality 1 Standard In accordance with DIN 68861, part 1C	Quality 2 British Standard In accordance with FIRA 6250 horizontal	Quality 3 In accordance with Ikea R4 standard IOS-MAT-0066
	→ not applicable to recoatable surfaces.		
GLOSS LEVELS ¹	Depending on chosen surface texture, available in gloss level gradations ranging from super matte to high gloss.		
FORMALDEHYDE EMISSION	< 1.3 mg / hm ² determined according to the gas analysis method pursuant to DIN EN ISO 12460-3		
STORAGE	Six months when stored in the original packaging in a cool and dry place (at approx. 23°C, relative humidity: 50 %)		

¹ Mechanical durability and gloss levels can vary in 3D surfaces.

² Smartfoil Eco: Only possible at quality level 1 without 3D texture.

