

PRODUCT DATA SHEET

**EXTRALUX mirror**

## Product

The surface **EXTRALUX mirror** is a high gloss solid color, co-extruded ABS + PMMA foil, supplied with a special protective film which guarantees its entirety during the working processes.

## Technical specification

Properties	Test method	Value
Light resistance	EN ISO 4892-2 + A1	Exposition time: 500 h Rating: 4/5 depending on color
Surface Gloss	ASTM D-523 (60°) Glossmeter	88 ± 5 Gloss Units
Scratch resistance	UNI 9428	0,6N , Rating: 3 (min 1 - max 5)
Resistance to cold liquids	EN 12720	Water and paraffin oil - 24h Rating: 5 (no change)
		Ethanol (sol. 48%) and coffee - 1h Rating: 5 (no change)
Density	ISO 1183	1,08 ÷ 1,12 g/cm <sup>3</sup>
Dry heat resistance	EN 12722	70 °C – 20 min Rating: 5 (no change)
Foil transparency	SITECH method 001	dE ≤ 0,40
Color	CIE Lab D65(10°)	White: dE <sub>max</sub> = 0,75
		Light Solid Colors : dE <sub>max</sub> = 0,75
		Dark Solid Colors: dE <sub>max</sub> = 1,20
Metamerism	CIE Lab D65/TL84	Metamerism for each color is determined during the process of tinting. In case of special pigments use, the possible influences must be discussed between the customer and SITECH.
Corona treatment	Dyne test pencil Flexart	Min: 44 Dyne
Corona treatment shelf life		6 months (10°C < T < 35°C)
Surface quality		EXTRALUX mirror foils are supplied without cyclic and repetitive defects such as damage by extrusion, cooling lines, mechanical damage, hit signs or scratches, spots and unevennesses. Some random unevennesses such as bumps or small marks can be acceptable within SITECH tolerances, with a maximum diameter of 1 mm and in the number of one "defect" every 1,5 sqm with a minimum distance of 800mm. The surface is free of waves. Some unevennesses such as air bubbles or lines in the protective film that are not detectable to the touch are not considered as a defect. Indeed, they do not influence on the lamination and disappear once the protective film has been removed.
Flammability		HB