

LX Hausys Exterior Film (E200)

Technical Data Sheet

Product	Multi-layer film, embossed, consisting of a semi-rigid base-film with a lightfast and weatherproof coloration and an acrylic film
Articles	LX Hausys Exterior Film E200
Thickness (DIN EN ISO 4593)	200 μ m (Emboss code : U4, U7, Z6, Z8, 42, 6H, 1K,4V) 190 μ m (G7, F7, Z3, Z4)
Acrylic thickness	$\geq 50\mu$ m
Thickness tolerance	$\pm 10\%$
Width	630, 660, 1260, 1,320mm
Slitting Tolerance	± 5 mm
Supply	400 - 600m without joints
Gloss (ISO 2813)	17 $\pm$ 3 (Emboss code : Z6) 14 $\pm$ 3 (U4, Z3, Z4, Z8, 1K) 9 $\pm$ 3 (F7, G7, 42) 6 $\pm$ 3 (U7) 3 $\pm$ 3 (4V) 2 $\pm$ 2 (6H)
Tensile strength (DIN EN ISO 527-3)	$\geq 200\text{kgf/cm}^2$ (Longitudinal direction)
Elongation at break	$\geq 80\%$ (Longitudinal direction)
Dimensional stability	$\leq \pm 5\%$ (10 minutes at 100°C water)
Weather-ability (DIN EN 513)	Color change is not greater than grade 3 of ISO 105-A02 grey scale under total radiation exposure of 20 GJ/m ² .
Temperature resistance	No visual color change after 15min at 95°C dry oven. Long-term temperature stability $\leq 60^\circ\text{C}$. When the extruded section is being processed, welding is possible without affecting the properties of the film if it complies to the general rules of technology. The gloss level of the film surface will increase at the temperatures (up to 120°C) necessary for bending the sections.
Chemical resistance	Not resistant to organic solvents, materials containing organic solvents, or products consist of solvents such as paint-thinner, paint-remover, polishes, or adhesives.
Maintenance	Clean with ordinary household cleaners, but not with scourers.
Storage condition	Keep cool and dry storage temperature between 10°C and 20°C. Max. storable for 12months. Foil has to be stored at room temperature (20 $\pm$ 3°C) at least 48hrs before lamination