

Door Grade_3D Matt

Technical Terms and Conditions of Supply

Product	Multi-layer film, embossed a semi-rigid base-film with a lightfast and weatherproof coloration and matt acrylic film
Articles	LG Hausys 3D Matt Exterior foil
Thickness (DIN EN ISO 4593)	280 μ m (Emboss code : U4,U7, Z6, Z8, 42) 250 μ m (G7, F7, Z3, Z4 , 82)
Acrylic thickness	$\geq 70\mu$ m
Thickness tolerance	$\pm 25\mu$ m
Width	1260 mm (± 100 mm)
Slitting Tolerance	± 5 mm
Supply	300-550m without joints
Gloss (ISO 2813)	10 \pm 3 (Emboss code: Z6) 7 \pm 3 (U4, Z3, Z4, Z8) 5 \pm 3 (F7, G7, 42) 3 \pm 3 (U7, 82)
Tensile strength (DIN EN ISO 5273)	>200 kg/cm ² (Longitudinal direction)
Elongation at break	>60% (Longitudinal direction)
Dimensional stability	$\leq 5\%$ (15 minutes at 100°C)
Weather-ability (DIN EN 513)	Color change is not greater than grade4 of ISO 105-A03 gray scale. Resistance and color retention measures after Artificial Weathering. Artificial weathering test condition confirms RAL -GZ 716/1 part 7, 8GJ.
Temperature resistance	No visual 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.
Mar resistance	> 20 cN Erichsen 435
Moisture resistance	Color change is not greater than grade 3 of ISO 105-A03 gray scale after 14 days in alternating condensation atmosphere.
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 . Min. storable for 12months. Foil has to be stored at room temperature (20 \pm 3°C) at least 48hrs before laminating