

Technical Terms and Conditions of Supply

Product	Multi-layer film, embossed According to RAL-GZ 716/1 part consisting of a semi-rigid base-film with a lightfast and weatherproof coloration and an acrylic film
Articles	LG Hausys Exterior foil E200
Thickness (DIN EN ISO 4593)	200 μ m (Emboss code: U4, U7, Z6, Z8, 42) 190 μ m (G7, F7, Z3, Z4)
Acrylic thickness	$\geq 50\mu$ m
Thickness tolerance	$\pm 15\mu$ m
Width	660, 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) 9 \pm 3 (F7, G7, 42) 6 \pm 3 (U7)
Tensile strength (DIN EN ISO 527-3)	>200 kg/cm ² (Longitudinal direction)
Elongation at break	>80% (Longitudinal direction)
Dimensional stability	$\leq 5\%$ (15 minutes at 100 °C)
Weather-ability (DIN EN 513)	Color change is not greater than grade 3 of ISO 105-A02 gray scale under total radiation exposure of 12 GJ/m ² . Artificial weathering test condition confirms RAL-GZ 716/1 part 7.
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
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
Impact resistance	See the skz report in complying to the requirements of RAL-GZ 716/1 Part 7
Adhesion	See the skz report in complying to the requirements of RAL-GZ 716/1 Part 7