

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 E300
Thickness (DIN EN ISO 4593)	200 μ m (Emboss code: Z8)
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)	14 \pm 3 (Z8)
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 $^{\circ}$ 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 30 GJ/m ² . Artificial weathering test condition confirms RAL-GZ 716/1 part 7.
Temperature resistance	No visual change after 15min at 95 $^{\circ}$ C dry oven Long-term temperature stability $\leq 60^{\circ}$ 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 $^{\circ}$ 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 $^{\circ}$ C and 20 $^{\circ}$ C. Min. storable for 12months. Foil has to be stored at room temperature (20 \pm 3 $^{\circ}$ 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

Appendix

Warranty Duration

Country group

The guarantee is limited to end use in the following countries at altitudes of up to 1,800 meters above sea level.

[Group 1]

Belarus, Belgium, Czech Rep, Denmark, Estonia, Finland, France(north of 46 N), Germany, Ireland, Iceland, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Sweden, United Kingdom

[Group 2]

Austria, Liechtenstein, Switzerland, Slovakia, Slovenia

[Group 3]

Canada, France(not inc. French Overseas Regions and Corsica), Hungary, Moldavia, Romania, Russian Federation, Serbia, Ukraine

[Group 4]

Albania, Andorra, Armenia, Azerbaijan, Bosnia & Herzegovina, Bulgaria, Croatia, Georgia, Greece(mainland), Italy, Korea, Monaco, Macedonia, Montenegro, Spain(mainland), Portugal(mainland), San Marino, Turkey(European part), Vatican City

[Group 5]

Algeria, China, Greek Islands, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Malta, Morocco, Mongolia, New Zealand, Oman, Portugal(Azoren and Madeira), Tajikistan, Turkey(Asian part), Tunisia, Turkmenistan, Uruguay, Uzbekistan

[Group 6]

Africa countries (not specified Group 5), North America countries (not specified Group 5), Southeast Asia, Middle East Asia, Australia, India

Warranty period

No.	Type	LG Hausys Exterior Foil		Warranty period					
		Name	Code	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
1	Print	UK120	Solar Oak	15	15	10	10	5	-
2	Print	UK103	Walnut	15	15	10	10	5	-
3	Print	UJ301	Mahogany	15	15	10	10	5	-
4	Print	UQ901	Brown Oak	15	15	10	10	5	-
5	Print	UJ401	Burgundy Cherry	15	15	10	10	5	-
6	Print	UR401	Smoked Oak	15	15	10	10	5	-
7	Solid	KDB75	Charcoal Brown	15	15	10	10	5	-
8	Solid	WAQ51	Crystal White	12.5	12.5	10	10	5	-
9	Solid	YEL88	Cream White	12.5	12.5	10	10	5	-