

## TECHNICAL TERMS AND CONDITIONS

Product	Multilayer foil, embossed According to RAL-GZ 716/1 part 7 consisting of a semirigid basefoil with a lightfast and weatherproof coloration and acrylic foil.
Articles	LG Hausys Exterior, plain LG Hausys Exterior, woodgrain
Application	Laminating on PVC U Profiles
Supplier	LG Hausys Headquarters LG Twin Tower 20 YoidoDong, YoungdungpoGu, Seoul 150721, Korea
Thickness	200 µm
Tolerance MD	+/-15 µm (When fully used within the tolerance, the winding of the roll must not be impaired)
Thickness of the Acrylat layer	≥ 50 µm
Weatherability (DIN 53387)	A total irradiation of ≥ 8 GJ/m <sup>2</sup> with Grade 4 on the grayscale (ISO 105A03) in complying to the requirements of RAL-GZ 716/1 part 7
Tensile strength (DIN EN ISO 5273)	> 20 N/mm <sup>2</sup>
Elongation at break (DIN EN ISO 5273)	> 80%
Dimensional stability (DIN 53377)	> 2,5 % (10 minutes at 60°C)
Humidity resistance (DIN 50017KFT)	Allowable color change after 15 days in an alternation condensation climate: ≥ Grade 3 on the greyscale
Abrasion resistance (ISO 105X 12/ ISO 105A03)	Grade 5

Scratch resistance (DIN EN 4382)	≥ 20 cN after testing on Erichsen instrument 435 (Schmiß hardness test)
Embossing stability	No change to the gloss of embossing
Temperature resistance	Longterm temperature stability ≤ 65°C. When the extruded section is being processed, welding is possible without affecting the properties of the foil if it complies to the general rules of technology. The gloss level of the foil surface will increase at the temperatures (up to 130°C ) necessary for bending the sections.
Whitening	Because of its own characteristic of acrylic foil, whitening cannot be avoided when the section is bent sharply
Chemical resistance	Not resistant to organic solvents, materials containing organic solvents, or products consist of solvents such as paintthinner, paintremover, polishes, or adhesives.
Maintenance	Clean with ordinary household cleaners, but not with scourers.
Color properties	See Appendix

\*\* Normal climate: 23°C (\*+/- 1°C), 50% of relative atmospheric humidity.

**Distribution and warehouse in Poland:**

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