

ELESGO®

Tailor-made

ELESGO surfaces are the perfect fit for floors with a high-quality, decorative, and haptically appealing design. The special composed acrylic resin varnish system can provide every design with ELESGO surface qualities.

Features:



UV-
RESISTANT



HEAT-
RESISTANT



ANTI
GRAFFITI



SCRATCH-
RESISTANT



CHEMICAL-
RESISTANT



WEATHER-
RESISTANT

technical data sheet

May 2025



EXTERIOR FLOORING

Typical application:

Top layer of HPL / compact
exterior application for flooring

Décors and colours:

Plain colours and printed décors
like wood, stone, or fantasy optics

Colour tolerance:

ΔE - value $\leq 1,0$ CIELAB76,
measured according to d/8° by
D65/10°(plain colours)

Width:

~ 1,000 – 1,600 mm

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ON TOP

ELESGO

Texture	brush	ultra grip
Grammage g/m² (*)	~ 220	~ 280
Scratch resistance DIN EN 438-2:2019	Level 5	Level 5
Abrasion resistance DIN EN 438-2:2019 DIN EN 13329:2016 (**)	IP turns ~ 200	IP turns ~ 250 > 3000
Chemical resistance DIN EN 438-2:2019	Level 5	Level 5
UV-resistance DIN EN 438-2:2019/28	Level 4-5	Level 4-5
Artificial weathering resistance DIN EN 438-2:2019/29	Group 4-5 (only on DTS substrates)	Group 4-5 (only on DTS substrates)
Determination of slip resistance DIN EN 16165:2023	R 9	R 11 / class B (***)
Release Film film type	PP	PP

Product composition

Substrate:	Plain coloured and decorative printed papers
Impregnation:	Transparent EB-curable resins
Coating:	Transparent UV stable EB-curable resins
Release film:	PP-film temperature stable <120° C

All used resins are free of solvent and formaldehyde.

* For the adjustments of the surface’s quality during the production process, DTS reserves the right to vary the coating grammage. All technical and optical parameters will be fulfilled also with variations in the coating weight or coating thickness. The values are excluding DTS release film.

** Only for exterior flooring products with high abrasion resistance

*** Increased ‘static friction coefficient’, slip-resistant up to an angle of inclination of 19° to 27° for wet floors.

Please refer to the ELESKO HPL storage and handling recommendations.