

ELESGO®

interior usable surfaces



Tailor-made

ELESGO surfaces are the perfect fit for interior flooring with their high quality, decorative, and haptically appealing design. The special composed acrylic resin varnish system equips every surface with characteristics such as UV and scratch resistance.

Features:



UV-
RESISTANT



HEAT-
RESISTANT



ANTI
GRAFFITI



SCRATCH-
RESISTANT



CHEMICAL-
RESISTANT



MICROSCRATCH-
RESISTANT

technical data sheet

Typical application:

Top layer of HPL or compact / Top layer of CPL / Surface or direct lamination (e.g. desktops, worktops etc.)

Décors and colours:

plain colours and printed décors

Colour tolerance:

ΔE -value ≤ 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

Textures	super matt	high gloss	clean touch	clean touch antibacterial ⁽³⁾	frozen
Grammage / Weight gram/m² (*)	~ 220	~ 275	~ 210 - 250	~ 210 - 250	~ 210 - 250
Scratch resistance EN 438-2:2016	Level 5	Level 3	Level 3	Level 3	Level 3
Abrasion resistance EN 438-2:2016	IP turns ≥ 300	IP turns ≥ 300	IP turns ≥ 150	IP turns ≥ 150	IP turns ≥ 150
Gloss level at 60° angle	~ 6 ± 3	> 80	~ 2,5 ± 1,5	~ 2,5 ± 1,5	not measurable
Stain resistance EN 438-2:2016	Group 1 Level 4 Group 2 Level 2 Group 3 Level 4	Group 1,2, 3 Level 5	Group 1,3 Level 5 Group 2 Level 5 ⁽¹⁾ Group 2 Level 2 ⁽¹⁾ Group 2 Level 5 ⁽²⁾	Group 1,3 Level 5 Group 2 Level 5 ⁽¹⁾ Group 2 Level 2 ⁽¹⁾ Group 2 Level 5 ⁽²⁾	Group 1,3 Level 5 Group 2 Level 5 ⁽¹⁾ Group 2 Level 2 ⁽¹⁾ Group 2 Level 5 ⁽²⁾
Water steam resistance EN 438-2:2016	Level 5	Level 5	Level 5	Level 5	Level 5
Release film type	PP	PET	PET	PET	PET

Product composition

Substrate:	Plain colours or decorative papers
Impregnation:	Transparent EB-curable resins
Coating:	Pigmented or /and transparent EB-curable resins
Release film:	PP-film temperature stable <120° C PET-film temperature stable <180° 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.

Please refer to the ELES GO HPL storage and handling recommendations.

⁽¹⁾ dark colours - Level 5; light colours - Level 2
⁽²⁾ Décors - Level
⁽³⁾ Accomplishment in dependence on ISO 22196:2007
We tested the following micro-organism: Germs:
ATCC6538 Staphylococcus aureus DSM799
Staphylococcus epidermidis EDCC5130
ATCC8739 Escherichia coli DSM1576

The reduction of CFU complied with quantitative antimicrobial effect.