

ELESGO®

Tailor-made:

ELESGO surfaces are the perfect addition to worktops, desks and more with their high-quality, decorative and tactile design. In addition, the manufacturing process with EBC technology gives the surfaces special properties such as scratch and UV resistance.

Features:



ANTI
BACTERIAL



HEAT-
RESISTANT



CHEMICAL-
RESISTANT



SCRATCH-
RESISTANT



MICROSCRATCH-
RESISTANT

INTERIOR FURNITURE



Typical application:

Coating FOR HPL / compact boards / CPL, surfaces for direct lamination (e.g. worktops, table tops etc.)

Décors and colours:

Plain colours or décors, like wood, stone or fantasy looks

Colour tolerance:

$\Delta E\text{-value} \leq 1,0$ CIELAB76, measured with $d/8^\circ$ under D65/10° (plain colours)

Width:

~ 1,000–1,600 mm

technical data sheet

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ON TOP

ELESGO

Texture	super matt	high gloss	frozen
Grammage g/m² (*)	~ 220	~ 275	~ 210 - 250
Scratch resistance DIN EN 438-2:2019	Level 5	Level 3	Level 3
Abrasion resistance DIN EN 438-2:2019	IP turns ~ 300	IP turns ~ 300	IP turns ≥ 150
Gloss level 60° Angle	~ 6 ± 3	> 80	not measurable
Chemical resistance DIN EN 438-2:2019	Group 1 level 4 Group 2 level 2 Group 3 level 4	Group 1 level 5 Group 2 level 5 Group 3 level 5	Group 1,3 level 5 Group 2 level 5 ⁽¹⁾ Group 2 level 2 ⁽¹⁾ Group 2 level 5 ⁽²⁾
Water steam resistance DIN EN 438-2:2019	Level 5	Level 5	Level 5
Release film type	PP	PET	PET

* For the adjustments of 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 ELESKO HPL storage and handling recommendations.

- (¹) Dark colours level 5
Light colours level 2
(²) Décors level 5
(³) Performance in relation to
ISO 22196:200

The following microorganisms have been tested:
Germs:
Staphylococcus aureus DSM 21979 (MRSA)

Pseudomonas aeruginosa DSM 939

Salmonella choleraesuis DSM 11320

Escherichia coli DSM 1576

The reduction in CFU corresponds to a quantitative anti-microbial effect.

Product composition

Substrate:	Uni-colour or decoratively printed papers, or plain colour on PP film
Impregnation:	Transparent EB-curable resins
Coating:	Pigmented or transparent EBC resind
Release:	PP-Film temperature resistance bis <120° C PET-Film temperature resistance bis <180° C

All used resins are free of solvent and formaldehyde.