

ELESGO®

WORKTOP

(interior application)

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.

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:

$\Delta E\text{-value} \leq 1.0$ CIELAB76, measured according to $d/8^\circ$ by $D65/10^\circ$ (plain colours)

Width:

~ 1,000–1,600 mm

Features:



UV-
RESISTANT



HEAT-
RESISTANT



FOOD-
SAFE



CHEMICAL-
RESISTANT



MICROSCRATCH-
RESISTANT

technical data sheet

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ON TOP

ELESGO

Texture	super matt	high gloss	clean touch	clean touch antibacterial ⁽³⁾	scrambled
Grammage g/m² (*)	~ 220	~ 275	~ 210-250	~ 210-250	~ 210-250
Scratch resistance DIN EN 438-2:2019	Level 5	Level 3	Level 3	Level 3	Level 5
Abrasion resistance DIN EN 438-2:2019	IP turns ~ 300	IP turns ~ 300	IP turns ~ 150	IP turns ~ 150	IP turns ~ 150
Gloss level 60° Angle	~ 6 ± 3	> 80	~ 2,5 ± 1,5	~ 2,5 ± 1,5	~ 3,5 ± 1,5
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 level 5 Group 2 level 5 (1 2) Group 2 level 2 (1) Group 3 level 5	Group 1 level 5 Group 2 level 5 (1 2) Group 2, level 2 (1) Group 3 level 5	Group 1 level 5 Group 2 level 5 (1 2) Group 2, level 2 (1) Group 3 level 5
Water steam resistance DIN EN 438-2:2019	Level 5	Level 5	Level 5	Level 5	Level 5
Release film type	PP	PET	PET	PET	PET

(1) Dark colours - level 5 Light colours - level 2	We tested the following micro-organism:	Staphylococcus epidermidis EDCC5130	The reduction of CFU complied with quantitative antimicrobial effect.
(2) Décors - level 5	Germes:	ATCC8739 Escherichia coli	
(3) Accomplishment in dependence on ISO 22196:2007	ATCC6538 Staphylococcus aureus DSM799	DSM1576	

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

* 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.

All used resins are free of solvent and formaldehyde.