

# ELESGO®

## FLEX

(Paper base)

### Tailor-made

ELESGO surfaces impart doors, frames, and profiles with a high-quality, decorative, and haptically appealing design. In addition, the manufacturing method with the EBC technology gives the surfaces special characteristics, like scratch and UV resistance.

### Features:



ANTI-  
BACTERIAL



MICROSCRATCH-  
RESISTENT



ANTI-  
GRAFFITI



SCRATCH-  
RESISTANT



UV-  
RESISTANT



ANTI-  
FINGERPRINT

# technical data sheet

May 2025

### Typical application:

Door frames, wrapping  
application, panels, mouldings

### Décors and colours:

Plain colours or decorative  
printed papers

### Colour tolerance:

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

### Width:

500–1,600 mm

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ELESGO

Texture	matt	super matt	pearl	silk gloss	high gloss	clean touch
Grammage g/m² (*)	~ 180-295	~ 130-220	~ 125	~ 210	~ 130-230	~ 225
Scratch resistance DIN EN 438-2:2019	Level 3	Level 3	Level 3	Level 3	Level 1	Level 4
Gloss level 60° Angle	~ 11 ± 3	~ 7 ± 2	~ 11 ± 2	~ 33 ± 4	> 80	~ 3
Radius mm	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 5
Chemical resistance DIN EN 438-2:2019	Group 1,2,3 level 5	Group 1,2,3 level 5	Group 1,2,3 level 5	Group 1,2,3 level 5	Group 1,2,3 level 5	Group 1,2,3 level 5
Release film type	PP	PP	PP	PET	PET	PET

Product composition

Substrate:	Uni-coloured or decoratively printed papers
Impregnation:	Transparent EB-curable resins
Coating:	Pigmented EB-curable resins or transparent EB-curable resins
Release:	PP-film temperature stable <120° C PET-film temperature stable <180° C

\* 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.

All used resins are free of solvent and formaldehyde.

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