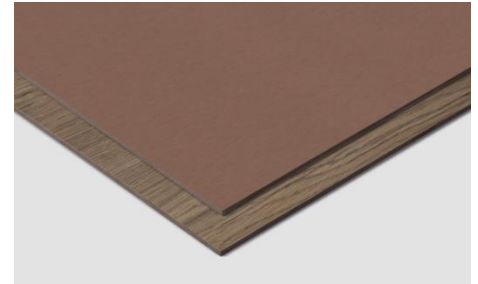


## Product data sheet

EGGER Compact sanded on one side

Recipe: 960/965



EGGER Compact Laminates sanded on one side are compact laminates according to EN 438-4 as well as EN 438-8 with a natural brown core. They have a multilayer structure and consist of melamine resin impregnated decorative paper as surface layer and a fibrous and with curable resins impregnated core layer as well as a backing paper as the lowest layer.

The different layers are pressed together under high pressure and temperature.

Compact laminates single side sanded, are intended for subsequent surface gluing and cannot be post-formed. The grinding quality is achieved by using a 50-grit abrasive.

## Quality Characteristics / Technical Data

According to EN 438-4, EGGER Compact Laminate is classified as CGS (Compact General-purpose Standard). Compact laminate with full-surface pearlescent decors is classified according to EN 438-8 as type ACS (Pearlescent laminate Compact Standard grade). ACS compact laminate is suitable for vertical applications only.

Property	Standard	Unit	Value	
			CGS Rec. 960	ACS Rec. 965
Resistance to surface abrasion	EN 438-2:10	Number of revolutions (per minute) Starting abrasion point	150	-
Shock resistance to a sphere with a large diameter	EN 438-2:21	Drop height in mm Diameter of the impression in mm	1,400 ≤ 10	800 ≤ 12
Scratch resistance	EN 438-2:25	Grade	3	2
Resistance to staining group 1 and 2	EN 438-2:26	Grade	5	5
Resistance to staining group 3	EN 438-2:26	Grade	4	4
Light fastness (Xenon arc lamp, surface)*1	EN 438-2:27	Grey scale	4 to 5	4
Stress crack susceptibility	EN 438-2:24	Grade	4	4
Levelness*2	EN 438-2:9	Depending on thickness in mm/m	8.0	8.0
Resistance to immersion in boiling water	EN 438-2:12	Mass increase in % Thickness increase in % Appearance in degrees Edge rating (min)	5.0 6.0 4 3	5.0 6.0 4 3
Dimensional stability at elevated temperatures	EN 438-2:17	Cumulative dimension change in % - L <sup>a</sup> Cumulative dimension change in % - T <sup>b</sup>	0.4 0.8	0.4 0.8
Resistance to dry heat (160°C)	EN 438-2:16	Grade	4	-
Resistance to water vapour	EN 438-2:14	Grade	4	3
Resistance to moist heat (100 °C)	EN 438-2:18	Grade	4	-

Property	Standard	Unit	Value	
			CGS Rec. 960	ACS Rec. 965
Density	EN ISO 1183-1	g/cm <sup>3</sup>	≥ 1.35	≥ 1.35
Modulus of elasticity for bending	EN ISO 178	MPa	9,000	9,000
Bending strength	EN ISO 178	MPa	80	80
Burning behaviour*3	EN 13501-1	Euroclass	D-s2,d0	D-s2,d0
Antibacterial activity of the decorative surface	ISO 22196	Efficiency of the antibacterial feature	strong	strong
		Figure of the antibacterial effect [log10 CFU]	≥ 3	≥ 3
Safety of food contact	Regulation EC No. 1935/2004	Materials and objects intended to come into contact with food.	pass	pass
	Regulation EC No. 10/2011	plastic materials intended to come into contact with foodstuffs.	pass	pass
	LFGB	Foodstuffs, consumer goods and animal feed code	pass	pass

\*1 Extraneous darkening and/or photochromism are due to the shock effect of accelerated exposure, and are not characteristics of natural exposure.  
 \*2 The established levelness values apply to compact laminate with decor on two sides. The limits for compact laminate with decor on one side need to be agreed upon.  
 \*3 Fire behavior CWFT: According to EN 438-4 Table A.1 - typical fire behavior classifications according to EN 13501-1 for compact laminates.

t is the nominal thickness of the compact laminate.  
 a L is lengthwise direction or compact laminate length.  
 b T is crosswise direction or compact laminate width.

## Surface finish according to EN 13722

Surface	Gloss units	Maximum deviation
Gloss surface	> 70	± 15 GU
Semi gloss surface	30 – 70	± 10 GU
Semi matt surface	10 – 30	± 5 GU
Matt surface	<10	± 3 GU

## Dimensions / Tolerances

### Dimensions

Thickness range: 3, 4, 5, 6, 8, 10, 12 and 13 mm  
 Standard size: 2,790 x 2,060 mm  
 Maximum length: 5,600 mm  
 Maximum width: 2,060 mm

### Tolerances

Nominal thickness [mm]	Thickness tolerance [mm]	Length tolerance [mm]	Width tolerance [mm]
2, 3 and 4 mm	± 0.30	+10/-0	+10/-0


## Decor Information

### Colour and decor match

The colour perception of the decor is influenced to a large degree by the core colour. The intensive, black core colour can result in a colour difference compared to other EGGER products.

*“100% matching colours with Eurodekor and laminate cannot be guaranteed.”*

### Compact laminate with pearlescent decor

Pearlescent decors and therefore ACS-compact laminates are identified with a special icon in the Collection. This icon  stands for: “Only for vertical applications – pearlescent decor”.

## Care and cleaning recommendations

Due to their resistant and hygienic, dense surfaces, EGGER Compact Laminate products do not require any special form of care. Generally, the surfaces are easy to clean. This also applies to textured surfaces. For further, detailed information please consult the leaflet “Cleaning and Maintenance Instructions”.

This technical data sheet has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience as well as in-house tests and reflects our current state of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or suitability for specific applications. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical data sheet should therefore not be considered as instructions for use or as legally binding. Unless otherwise stated, our General Terms and Conditions apply.