

# PRODUCT DATA SHEET

## EGGER EUROSPAN® WORKTOPS



EGGER EUROSPAN® worktops are composite elements consisting of EUROSPAN® E1 rawboards, bonded seamlessly on surface and profile areas with decorative EGGER laminate. Different profiles, substrate qualities and laminate thicknesses are available upon request.

### Uses / Areas of application

Due to their functionality EUROSPAN® worktops are used in kitchens, bathrooms and offices, but also for shopfitting solutions and domestic furniture.

### Storage / Processing

#### STORAGE

Horizontal, flat storage in enclosed and dry areas (approximately 20°C and 55 to 65% relative humidity) to exclude warping or dimensional changes due to climatic conditions. Vertical storage is not recommended. To avoid damage during storage, appropriate racking systems should be used. Worktops should be handled and transported with due care.

#### PROCESSING

EUROSPAN® worktops can be processed with conventional woodworking machines.

For more detailed information please refer to the data sheet “EGGER EUROSPAN® worktops processing guidelines”.

### Quality characteristics / Technical data

The essential quality characteristics of laminate faced composite boards, or worktops rather, are dictated by the application of laminate conforming to the standard EN 438:2005. For standard postformed worktops, the laminate is classified as HGP (Horizontal-General-purpose Postforming). That means that it is suitable for horizontal applications with postforming requirements. The essential quality characteristics such as surface abrasion, impact resistance and scratch resistance, require a **high performance** which is classified by the **index number 3**.

Property	Test method according to EN 438-2	Unit	Result	index number
Resistance to surface wear	10	revolutions	≥ 350	3
Resistance to scratching	25	rating	3	3
Resistance to impact – small ball	20	Newton	≥ 20	3

## FURTHER QUALITY CHARACTERISTICS

Property	Unit	Result	Norm
Resistance to dry heat	rating	4	EN 438-2:2005
Resistance to water vapour	rating	4	EN 438-2:2005
Resistance to staining groups 1 and 2	rating	5	EN 438-2:2005
Resistance to staining group 3	rating	4	EN 438-2:2005
Light fastness (Xenon arc)	grey scale rating	4 – 5	EN 438-2:2005
Resistance to cigarette burns	rating	3	EN 438-2:2005
Swelling behaviour	–	24 h max. 14 % 2 h max. 4 %	DIN EN 317
Bending strength	N/mm <sup>2</sup>	> 9.0	DIN EN 310
Internal bond	N/mm <sup>2</sup>	> 0.2	DIN EN 319
Density	kg/m <sup>3</sup>	600 - 720	DIN EN 323
Surface soundness*	N/mm <sup>2</sup>	≥ 1.0	DIN EN 311

\* The result indicated is a mean value.

## TECHNICAL DATA/TOLERANCES/DIMENSIONS

- Substrate: EUROSPAN® raw boards E1 according to EN 312
- Substrate type: P2 / P3 according to EN 312
- Lamination: EGGER Laminate according to EN 438:2005
- Laminate thicknesses: CPL standard thickness 0.6 mm
- Standard lengths: 5,600 mm, 5,200 mm, 4,100 mm, 3,660 mm and 3,050 mm
- Length tolerance: worktop blanks ± 5 mm
- Standard widths: see table Profile Model Options
- Width tolerance: ≤ 500 mm ± 0.5 mm  
≥ 500 mm for each additional 100 mm plus ± 0.5 mm
- Standard thicknesses: 28 mm and 38 mm
- Thickness tolerance: ± 0.4 mm
- Angular accuracy : 2.0 mm per 1,000 mm in length per side
- Straightness of cut: 0.5 mm per 1,000 mm in length per side
- Radius of rounded profiled edge\*: - 0/+ 0.5 mm
- Surface bonding : D3 according to DIN EN 204
- Postforming bonding: D2 according to DIN EN 204
- Back long edge: coated with hot-melt adhesive
- Weight : see table below

\* These tolerances only apply to special profiles.

Profile Model	Length	Width	Thickness	Weight
300/3	4,100 mm	600 mm	38 mm	~ 58 kg
300/3	4,100 mm	920 mm	38 mm	~ 87 kg

EGGER EUROSPAN® worktops are available in blanks in standard lengths and widths. Individual dimensions, special qualities as well as bespoke furniture components can be produced to order and are available on request.

## FLATNESS OF WORKTOPS IN A THICKNESS SPECTRUM OF 22 mm TO 38 mm

Length / Width	Maximum permissible warping* (concave / convex)	
	single sided bonded CPL	double sided bonded CPL
≤ 600 mm	0.9 mm	0.5 mm
≤ 700 mm	1.1 mm	0.6 mm
≤ 800 mm	1.3 mm	0.7 mm
≤ 900 mm	1.6 mm	0.8 mm
≤ 1,000 mm	2.0 mm	1.0 mm
≤ 1,300 mm	3.3 mm	1.7 mm
≤ 1,500 mm	4.6 mm	2.3 mm
≤ 2,000 mm	6.4 mm	3.2 mm
≤ 3,600 mm	10.0 mm	5.0 mm
≤ 4,000 mm	15.0 mm	7.5 mm
≤ 5,000 mm	20.0 mm	10.0 mm

\* Referring to the front side of the worktop in relation to the face side of the composite element.

For further information please refer to the data sheet "Flatness EGGER laminate bonded composite boards".

## Terms/Reference note/Profile model options

### TERMS/REFERENCE NOTE

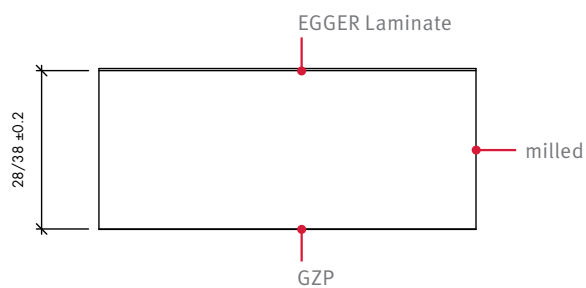
- EGGER Laminate ⇒ decorative laminate (CPL Continuously Pressed Laminates) based on curable resins
- GZP ⇒ moisture repellent balancer paper (Gegenzugpapier)
- UV-lacquer seal ⇒ Lacquered seal applied on the worktop reverse to protect the area underneath the profiled long edge
- PUR-hot-melt adhesive ⇒ Polyurethane hot-melt adhesive seal to protect against moisture ingress (butt joint of CPL with GZP)
- ABS Edging ⇒ Thermoplastic and colour matched ABS Edging (Acrylonitrile Butadiene Styrene)
- Accent edging ⇒ Thermoplastic Accent or Contrast edging based on PMMA, PP and PET
- Reference Note ⇒ All radii details and board thicknesses shown on the sketches are measured on the substrate

### PROFILE MODEL OPTIONS

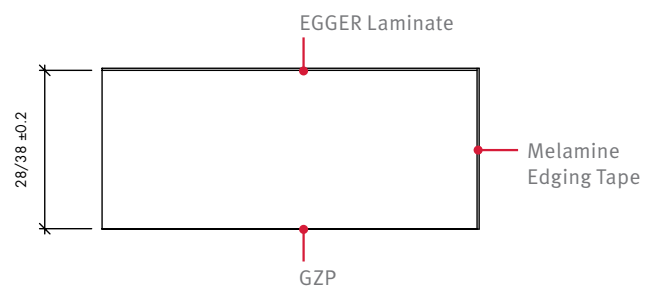
Profile Model No.	Standard dimensions (mm)		
	single sided	double sided	Substrate thickness
90	600, 900 and 1,200	600, 900 and 1,200	28 and 38
100	600, 900 and 1,200	600, 900 and 1,200	28 and 38
100-1,5	600 and 1,200	–	38
200/4	600	–	38
200/6	600	–	28
200/8	600	–	28

Profile Model No.	Standard dimensions (mm)		
	single sided	double sided	Substrate thickness
200/12	600 and 610	–	28 and 38
300/3	600, 650, 900 and 1,200	640, 670 and 920	38
300/6	600 and 650	800, 1,175	28
300/8	600 and 800	640 and 800	28
300/14	600	800 and 900	28
301/6	600, 650, 900 and 1,200	900 and 1,170	38
301/8	600	–	38
400/12	600	–	28
400/14	600	–	38

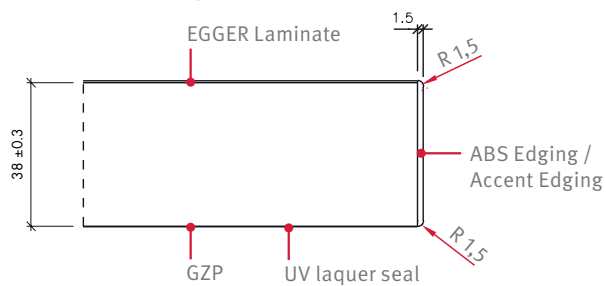
**MODEL 90**



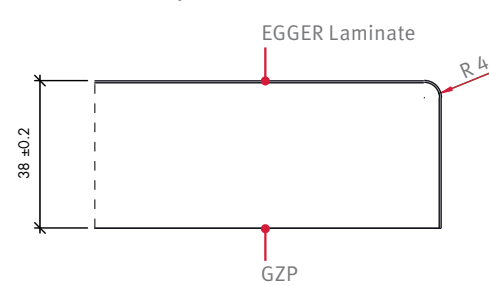
**MODEL 100**



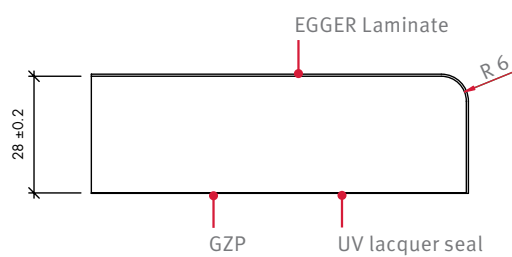
**MODEL 100-1,5**



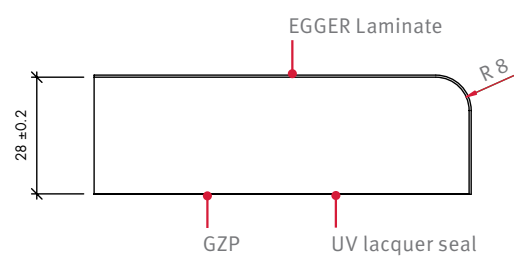
**MODEL 200/4**



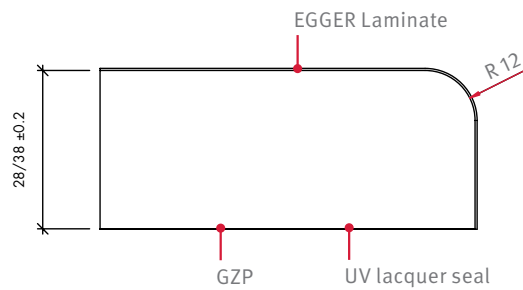
**MODEL 200/6**



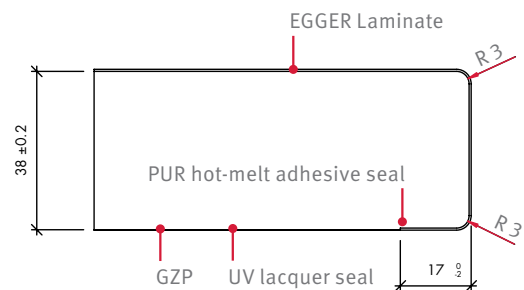
**MODEL 200/8**



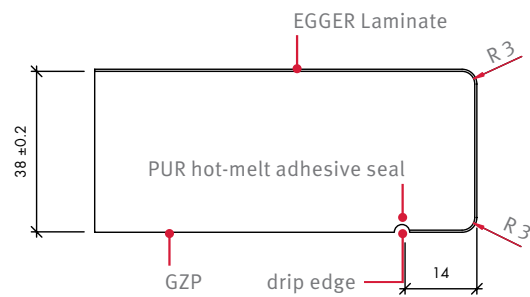
MODEL 200/12



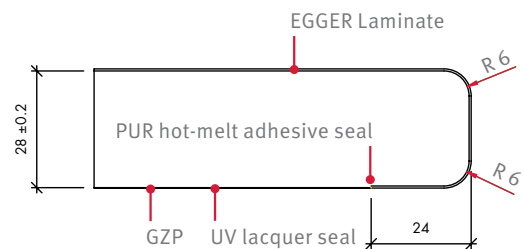
MODEL 300/3 WITH UV LACQUER SEAL



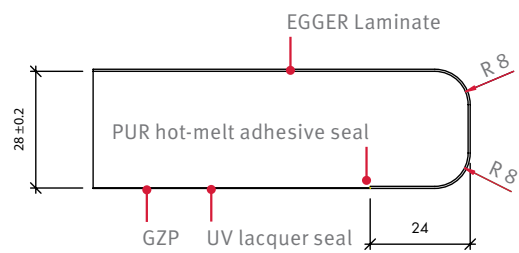
MODEL 300/3 DRIP EDGE



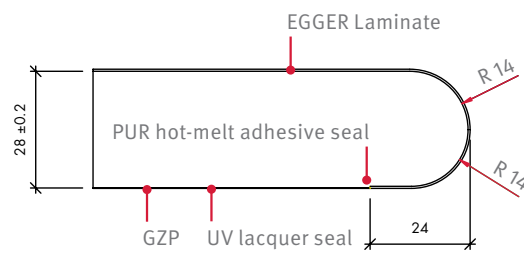
MODEL 300/6



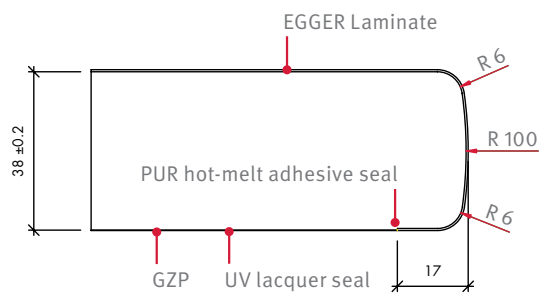
MODEL 300/8



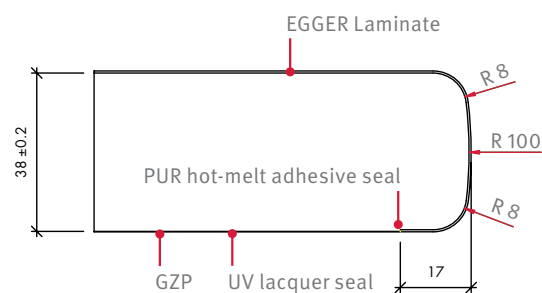
MODEL 300/14



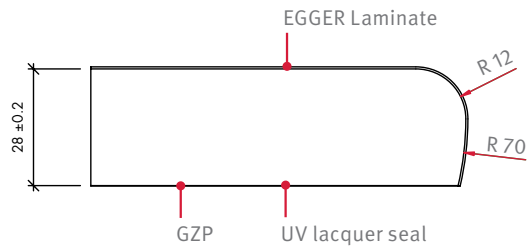
MODEL 301/6



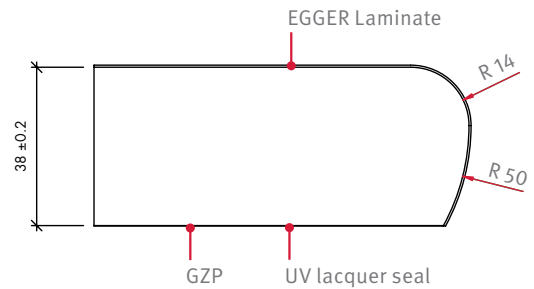
MODEL 301/8



MODEL 400/12



MODEL 400/14



## Care and cleaning recommendations

Due to their resistant and hygienic, dense surface, EGGER EUROSPAN® Worktops do not require any special form of care. The surfaces are generally easy to clean. This also applies to textured surfaces.

For further information please refer to the following data sheets:

- Care and cleaning recommendations EGGER laminates
- EGGER laminates with ST9 perfect matt surface structure
- EGGER products with STHG high gloss surface structure