



## TECHNICAL DATA SHEET

# ProClassic

## PVC Edgebanding

**Chemical characteristics** : Semi hard PVC Barium / Cadmium free stabilised

**Physical state** : Solid

### Commercial designation

Thin edge or ProClassic.

Produced in multiple combinations of solid colours, woodgrains and other patterns reproductions.

Product identification - 0 - PVC

Range identification - 3 - ProClassic.

### Available surface finishes

- 2 - Smooth
- 3 - Wood Tick
- 4 - Top Face
- 5 - Poro Rovere
- 7 - Matt
- 8 - Ash Pore
- 9 - Ultra Smooth
- A - AS / Lluvia
- B - Office
- C - Stipple
- D - Glossy Ash
- E - High Top

### Thickness

Thicknesses available from 0.38mm up to 1.50mm with  $\pm 5\%$  tolerance.

### Width

From 12mm up to 275mm for woodgrains and from 12mm up to 820mm for solid colours, with  $\pm 0.5$ mm tolerance.

### Abrasion resistance

The specified resistance is 80 cycles according to ISO 7784 - 2 (adapted).

Note: Applicable only for printed material.

### Impact resistance

The impact resistance is defined by an impact of a weight of 303g (approximately). The specified minimum height for the fall is 90 cm for solid colours and 80cm for printed material.

## PROBOS-RESINAS E PLÁSTICOS, S.A.

Mindelo, 4486-851 Vila do Conde - Portugal

Tel: (+351) 229287000, Fax: (+351) 229271215

E-mail: [proedge@promotor.pt](mailto:proedge@promotor.pt)

[www.probos.pt](http://www.probos.pt)



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### Gloss

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The specified gloss, determined by ISO 2813, is as follows (equipment reading angle = 60°):

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#### Solid colours

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Surface finish 2 - Gloss =  $17 \pm 5$  u.b.  
Surface finish 3 - Gloss =  $15 \pm 5$  u.b.  
Surface finish 4, 8 and C - Gloss =  $8 \pm 4$  u.b.  
Surface finish 5 - Gloss = Visual evaluation  
Surface finish 7 - Gloss =  $7 \pm 3$  u.b.  
Surface finish 9 - Gloss =  $10 \pm 2$  u.b.  
Surface finish B - Gloss =  $25 \pm 5$  u.b.  
Surface finish D - Gloss =  $26 \pm 4$  u.b.  
Surface finish E - Gloss =  $11 \pm 2$  u.b.

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#### Woodgrains

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Surface finish 2, 3 and 4 - Gloss =  $13 \pm 4$  u.b.  
Surface finish 5 - Gloss = Visual evaluation  
Surface finish 8 - Gloss =  $8 \pm 3$  u.b.  
Surface finish 9, B - Gloss =  $13 \pm 4$  u.b.  
Surface finish A - Gloss =  $14 \pm 2$  u.b.  
Surface finish C - Gloss =  $13 \pm 4$  u.b.  
Surface finish 2 (high gloss) - Gloss =  $55 \pm 10$  u.b.  
Surface finish 3, 4 e A (high gloss) - Gloss =  $45 \pm 10$  u.b.  
Surface finish 8 (high Gloss) - gloss =  $35 \pm 10$  u.b.

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### Hardness

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The specified value is  $75 \pm 2$  Shore D, according to the standard ASTM D2240 and ISO 868 (minimum thickness = 3mm).

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### Dimensional stability

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During 1 hour at 80°C the shrinkage is < 1.5%, according to the standard DIN 53377.

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### Density

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Range between 1.4 and 1.5 according to the standard DIN 53479.

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### Water absorption

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Negligible water absorption according to the standard ISO 62.

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### Softening temperature

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Specified between 81°C and 83°C according to the standard ASTM D 1525 and ISO 306.

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### Tensile strength at break

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The tensile strength at break is 30 N/mm<sup>2</sup> according to the standard ISO 527 - 3.

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### Light fastness

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The light fastness is equivalent to n<sup>o</sup>5 in the grey scale, according to the standard ISO 4582 and ISO 4892 - 1 - 2 (adapted).

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### Flammability

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Self-extinguishable according to the standard UL 94.

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### Stain resistance

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Good resistance to white and red wine, beer, condensed milk, black currant juice, oxygenated water, water, mercurochrome, cola, cleaning agents, lixivium 12<sup>o</sup>, according to DIN 68861.

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### Storage temperature

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The recommended storage temperature is between 18°C and 25°C.

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**Prodec**

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### Shelf Life

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The product should be used up to 18 months after production date.

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### Warranty

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Probos edgebanding products are produced according to industry-accepted standards. However, due to variations in raw materials, some minor colour drift can occur from batch to batch.

Customers should inspect the supplied materials, prior to use.

The manufacturer's warranty and liability for bond, colour, pattern, surface embossing and recommended matches extend only to the replacement value of the specific edgebanding material involved.