



**senosan**<sup>®</sup>  
By Tekform

**High Gloss Acrylic Elements**

**TEKFORM**

# FIRST CLASS FINISH

"Surface" is a decisive feature in the furniture industry. Of the various high gloss materials that are available, Senosan is somewhat unique. The outstandingly smooth surface condition, associated surface gloss finish and depth of colour are significantly better than for other vertical application materials and comparable to a classic high laquer piano gloss. Interiors are enhanced by the Colour expression and depth of gloss and colour of Senosan panels offering the furniture industry an incomparable surface quality.

Co-ordinated with "Duotone" two - in - one ABS or colour-matched Acrylic edging, the available decors leave every option open for designers and manufacturers.

Scratch resistance of 0.6 N for the light colours, micro-scratch hardness tested to DIN 53799-4.15, resistance to UV and excellent recycling capabilities are further quality characteristics of this chlorine and tinorganic free surface.

Eight decors in keeping with the latest market trends are available ex-stock.





**WHITE**  
CODE: 1298

senosan®

**BEIGE**  
CODE: 7368

senosan®

**ANTIQUÉ WHITE**  
CODE: 7315

senosan®

**CHAMPAGNE METALLIC**  
CODE: 7424

senosan®

**RED**  
CODE: 3120

senosan®

**SILVER METALLIC**  
CODE: 8663

senosan®

**GRAPHITE**  
CODE: 8855

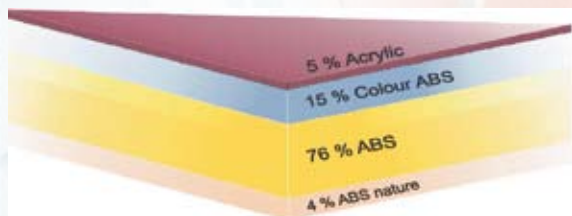
senosan®

**BLACK**  
CODE: 8102

senosan®

## At a glance

- High gloss acrylic foil pressed onto 18mm MDF panels
- Bonded using PUR glue line
- Single and Double sided panels
- Matching 0.9mm Edgetape & Doutone 2 in 1 Edging
- Stocked as a 2800 x 1030mm panel



## Characteristics

- Unique gloss levels and depth of colour
- Surface comparable to piano gloss/ mirror finish
- UV Stable
- Warm to the touch
- Substantial feel and appearance
- Matching Colour Edging
- Environmentally friendly
- Free of hazardous tinorganic contents
- Free of heavy metals
- No hazardous solvents released during application
- No hazardous fumes when incinerated

## Applications

Suitable for vertical applications



- Domestic/ Commercial
- Furniture Manufacture
- Shopfitting

For more information or samples of the colour range, please contact one of our branches.

# Technical Data

## CONSTRUCTION:

Coextruded ABS/PMMA sheets with high gloss, scratch resistant acrylic top layer  
Protection of high gloss surface provided by PE - masking foil.

## DIMENSIONS:

Thickness: 0,75 mm to 1,00 mm

Width: 400 mm to 1.450 mm

MECHANICAL PROPERTIES	TEST METHOD	UNIT	VALUES
Abrasion resistance	DIN 53754	mg/50 U.	2
Scratch resistance (Improvement by polishing !)	DIN 68861/T4	N Ratinggroup 4E	0,6
Assessment of surface to mechanical damage (impact test)	DIN 53799/T4.4.2	mm	8
Assessment to liquids	DIN 68861/T1	Rating group 1 A (except for acetone & ethylbutylacetate)	
Assessment of surface resistance to dry heat	DIN 68861/T7	°C Rating group 7 D	75
Assessment of surface resistance to wet heat	DIN 68861/T8	°C Rating group 8 B	75
Assessment of surface resistance to water vapour	DIN 53799/T4.11	No visible changes	
OPTICAL PROPERTIES			
Top surface gloss	SENO Standard (60° Glossmaster)	GLE	> 80 GLE high gloss
Weather ability, UV-resistance Delta E	Total colour difference after 500 h QUVA-Test		0,7
ADDITIONAL			
Density	DIN 53479	g/cm <sup>3</sup>	1,10
Burning Resistance	UL Standard 94		94 HB

Together with their tried and tested colour consistency, colour fastness for the application and outstanding surface characteristics, Senosan also offer the possibility to buff fine scratches by means of polishing. In this way the condition of the high gloss surface can be maintained.

# Senosan Care & Cleaning

Senosan surfaces are protected during processing and fitting by a self-adhesive PE protective film which is only removed at the completion of installation. After removal of the PE protective film the acrylic surface is still scratch sensitive. The reason for this is that there is still a presence of solvent from the adhesive coating of the protective film on the surface which must first escape. It has also been proven that the high gloss surface itself is 'hygroscopic', which means the high gloss surface cures-out further under the influence of normal air humidity. Curing of Senosan panels after the protective film is removed, can take up to one week or longer. In order to speed up this process we recommend cleaning of the surface with a solution of **water and liquid soap (1 % liquid soap) and a soft cloth.**

To increase resistance to wiping and scratch traces, the surface should be treated with a recommended polishing agent such as **ULTRA-GLOSS® Superpolish + DGS (Durable Gloss Sealant).**

The product cures-out to a very hard finish and is ecologically harmless. Surface sealing should be repeated when the polish has worn off which is normally the case after approx. 12 months.

**Please Note** Optically and regarding gloss level, the high gloss panels can be compared with a piano gloss surface. The treatment and cleaning of such excellent surfaces should be accordingly correct.

No scouring or abrasive cleaning materials should be used as these would damage the brilliant gloss surface and under no circumstances should cleaning materials with an alcohol content (often found in glass cleaners) be used. • No Alcohol based cleansers • No Glass cleaners • No Acetone • No parafin, petrol, pinewood or oils.



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