GLOW

PRODUCT SPECIFICATION

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ABOUT

Third party certified, GLOW writeable surfaces make your walls and workspace a collaborative environment. Utilizing a proprietary co-extruded polymer high-gloss acrylic material bonded to a PureCore® premium quality medium density fiberboard (MDF) sub-strate, GLOW panels are made from the finest quality materials. They feature an impeccably flawless suface consistency with color richness that enhances depth and clarity. With high chemical and stain resistance, GLOW whiteboard panels are the most scratch resistant acrylic panels in the market. And, with a brillant reflective surface, GLOW panels are as beautiful as they are functional.

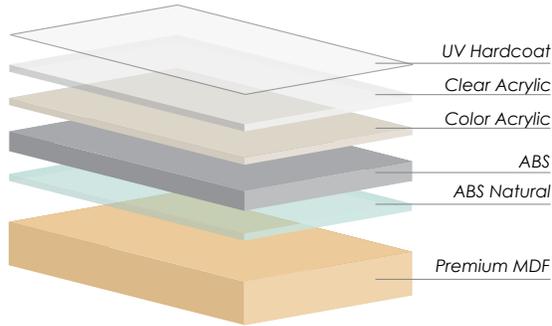GLOW writeable surfaces let your walls do the talking.

CONTENT

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CORE MATERIAL

GLOW panels consist of a PureCore® premium quality MDF core with a co-extruded polymer high-gloss acrlyic top layer.

Core Thickness: 3/4"
Square Foot Weight: 3 lbs

UV Hardcoat
Clear Acrylic
Color Acrylic
ABS
ABS Natural
Premium MDF

Key Features:

Extreme High Gloss Finish - an impressive 90% gloss level is reflected off the smooth mirror effect surface.

Scratch Resistant - top hardcoat layer developed to be the most scratch-resistant acrylic.

Color Richness - several layers are UV stabilized to ensure original color depth without fading.

Each panel is edgebanded in acrlyic in the color of your choice.

BOARD SIZES

GLOW MARKERBOARD PANEL

36" x 24"	48" x 36"	60" x 42"	60" x 48"	72" x 48"	84" x 48"	96" x 48"

GLOW PRIVACY PANEL (Writeable surface on front and back and available in 12" or 18" height)

18" x 12"	24" x 12"	30" x 12"	36" x 12"	42" x 12"	48" x 12"	54" x 12"	60" x 12"	66" x 12"
72" x 12"	78" x 12"	84" x 12"	90" x 12"	96" x 12"				

18" x 18"	24" x 18"	30" x 18"	36" x 18"	42" x 18"	48" x 18"	54" x 18"	60" x 18"	66" x 18"
72" x 18"	78" x 18"	84" x 18"	90" x 18"	96" x 18"				

Custom sizes available. Please contact a customer service representative for details. Max panel size is 96" x 48". GLOW writeable surfaces can also be used as finished components, such as cabinet doors and drawer fronts.

COLORS

Select from 14 different colors for bright bold writeable surfaces and for monotone or contrasting edgebanding.

Pure White	Cream	Beige	Grey	Dark Grey	Metallic Grey
Metallic Silver	Black	Fly Yellow	Orange	Red	Corsa Red
Blue	Sage				
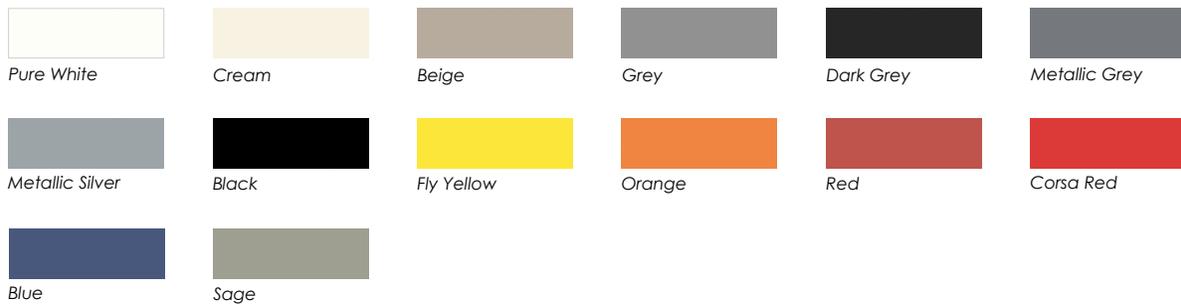
GLOW panels are polyurethane (PUR) laminated in a Class 100 (ISO5) cleanroom, a manufacturing process uniquely suited for the lamination of high-gloss materials to achieve spectacluar results.

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INSTALLATION

GLOW panels are intended for dry interior vertical application. All mounting areas should be clean and free of debris. Installation is achieved using ZClip Hardware or Standoff Hardware. GLOW Privacy Panels are installed using Standing Base Hardware. It is the responsibility of the purchaser to understand the site conditions and install according to those conditions. Please visit: http://soelbergi.com/install-instructions/ for instructions and options.

Because Soelberg does not provide installation services, we recommend that you work directly with a professional contractor or millworker to ensure proper installation and the regulation of all building codes.

HARDWARE

GLOW MARKERBOARD PANEL HARDWARE

ZClip Hardware

Standoff Hardware

GLOW PRIVACY PANEL

Standing Base Hardware available in Silver, White or Black (Panels longer than 48" will require 3 or more)

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USER GUIDE

DESCRIPTION

The surface of the GLOW panel is covered with a protective film, which should stay on during processing and installation. After removal of the film, the surface is ready for daily use. No additional polishing is necessary.

Best results for machining GLOW panels will be achieved by using high speed, very sharp carbine tools and moderate feed rates.

A GLOW laminated panel may react to severe changes in humidity and temperature. A curvature of up to 2 mm/1000 mm may occur in some extreme environmental conditions.

Excessive curvature can be minimized by avoiding long narrow panels and by ensuring adequate hinging and fixing support is provided.

CARE AND HANDLING

GLOW panels should be stored horizontally and must be well supported at all times.

Leave protective film in place until the project is complete.

Do not store panels outside.

Avoid sliding the panels on the outer face surface to protect the film.

CLEANING

Best results will be achieved using wet micro-fiber cloths or chamois with non-abrasive soap or detergent.

Do no use brushes, scourers or scapers at any time. Do not clean GLOW panels in direct sunlight.

SCRATCH RESISTANCE

GLOW panels high-gloss surface is 0.6N scratch resistant, but not 'scratch proof.' Please take precaution to protect the surface until the product has been properly installed.

DRILLING

GLOW panels can be drilled using high speed carbide tipped drills. Best results will be achieved using drills with a tip angle of 110 to 130 degrees.

Use slow to medium speeds to avoid overheating the material.

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PROPERTIES & PERFORMANCE

GLOW panels are constructed with a Senosan AM1800TOPX-11-1 (Hardcoat) acrylic layer. The technical data below refers to this product as it is intended to be flat laminated in different substrate materials for interior furniture. Soelberg uses MDF core material.

Properties	Test Method	Unit	Values
Scratch resistance	IHD-W-466 Method A		Class 1 Loss of gloss <20%
Abrasion resistance	SENO company standard QPA-25-LT	Load: 1 kg Strokes: 20 Steel wool type: 00	Class 1 No changes or scratches visible
Chemical resistance	DIN 68861/T1 Rating group 1A		No changes visible
Resistance to dry heat	DIN 68861/T7 Rating group 7D	°C	75
Resistance to wet heat	DIN 68861/T8 Rating group 8B	°C	70
Behavior to water vapor	AMK module 2	No changes visible	
Top surface gloss	DIN 67530 60° glossmaster	GLE	>85
Haze	DIN 67530		<10
Color fastness, resistance to weathering (furniture indoor application)	ISO 4892-2 Total color difference after 200h Xenon test		DE* <1.7
Density	ISO 1183-1 23°C	g/cm^3	≥1.07≤1.11
Burning resistance	UL 94		n.d

Test results may vary by color and design. This information is based on our present state of knowlege and is intended to provide general notes on our products and their uses. It should not therefore be understood as guaranteeing specific properties of the products as described or their suitability for a particular application.

* Tested on raw materials used in this product.

SPECIAL ADVICE

The values in this document refer to the flat unformed sheets of acrylic. Because of the influence of the application technology and the core materials used, these values may differ slightly from the finished product.

These instructions for use have been developed by Senosan GmbH in good faith and using its know-how and experience as of today. We explicitly reserve the right to change or update these instructions at any time.

Further processing and use of the products can have various impacts on the products. Therefore, Senosan does not guarantee or warrant for the fitness, suitability or adequacy of their products for any purpose intended by the purchaser or any third person and shall have no liability whatsoever in this respect. The purchaser has the obligation to test the products and determine if the products are fit for the intended use.

Senosan shall, neither directly or indirectly indemnify nor hold harmless purchase or any third person in the event of any third party claims related to the infringement of intellectual property rights.

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WARRANTY

Soelberg warrants to the original purchaser of GLOW panels to be free from defects in material, workmanship and specification for a period of ten years, from the ship date, under conditions of normal use and maintenance except as noted below. If such defect causes failure of the product or portion of the product, Soelberg at its sole discretion will either repair or replace the defective product at no charge to the original purchaser. Soelberg will have no obligation to otherwise participate in labor or other costs associated with replacing the product.

This limited warranty does not cover and expressly excludes any claim, damage, loss or expense arising out of or relating to: A) Accident or vandalism, abuse, misuse or unapproved use of the product, B) Installation contrary to the installation instructions and good installation practices, C) Custom fabrication or modifications, D) Abnormal conditions or use including delamination due to heat exposure, E) Improper maintenance (please see separate instructions), F) Improper Storage, G) Design, installation or construction deficiencies of any kind or nature.

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