Finsa
Design

Ideal Technical Matt

Recommendations for use

finsa.com

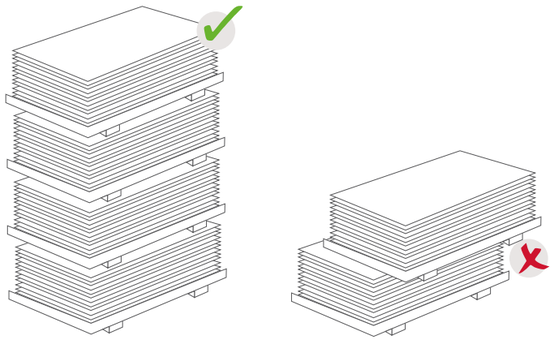
01/
General recommendations

A. STORAGE CONDITIONS

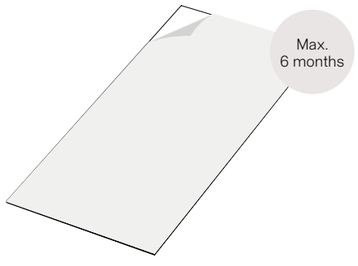
This product should be stored on a horizontal surface in a clean, dry place (at a recommended temperature and humidity of 20ºC / 65% R.H.), avoiding exposure to UV rays or other sources of heat or humidity.

To protect against surface dirt, it is necessary to use a board or other means of protection.

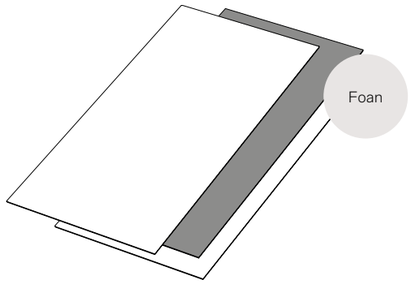
Horizontal storage of the boards is recommended. Do not stack more than 4 packs vertically; separate them with blocks aligned in the same vertical position between packs to distribute the weight and avoid deformation of the boards.



Protective film: The product is supplied by FINSA with a plastic film for temporary protection against dirt and small scratches. This film should be removed after installation. In any case, it must be disposed of within six months of FINSA supplying the product.



In the case of Ideal, we recommend keeping the FOAN between boards until the upper board has been consumed for greater surface protection in case the boards rub together.



B. APPLICATIONS

Ideal is a product recommended for vertical applications according to UNE 11022-1 and UNE 11023-1 standards for domestic use and UNE 56875 for use in kitchen furniture.

Technical Matt is a product recommended for heavy-duty Horizontal/Vertical use according to the UNE 438-2 Standard. In both cases it is advisable to check their Technical Data Sheets before handling the product.

Technical data sheet
Ideal

Technical data sheet
Technical Matt

02/
Recommendations for machining

In general, any type of tool can be used, either metal carbide (HW) or diamond, with the latter being the most recommended. In all cases, for optimal machining the tool must be perfectly sharpened.

The following tooling and handling recommendations are based on a series of tests in cooperation with LEUCO (www.leuco.com).

A. SHREDDING PROCESS

PROCESS

rpm = 6000; feed rate = 30m/min; removing material

TOOL

Power Tec III Topline

ref. 183450/186451

B. TABLE SAWING PROCESS

PROCESS

Feed rate = 20 m/min; Vc = 80 m/s, V_f = 5-8 m/min, sobresaliente = 25 mm

TOOL

DP HR nn-system DP-Flex saw blade

ref. 192444

C. SECTIONING PROCESS

PROCESS

Rpm = 3600, feed rate V_f = 20 m/min;

V_c = 80 m/s, protrusion = 25 mm

TOOL

Q-Cut G6

ref. 192883

02/
Recommendations for machining

D. CNC PROCESS

PROCESS

Rpm = see table 1; feed rate V_f= between 12 m/min up to 25 m/min.

No. 1 High-performance milling cutter

Reference	Z	Ø	Rpm	V_f	F_z
186120	3+3	25	18000	15	0.27

No. 2 p-System® Drill with shank

Reference	Z	Ø	Rpm	V_f	F_z
184382	2+2	25	24000	10	0.20

No. 3 p-System Drill with shank

Reference	Z	Ø	Rpm	V_f	F_z
184084	4+4	60	18000	25	0.34

No. 4 High-performance milling cutter

Reference	Z	Ø	Rpm	V_f	F_z
186142	4+2+4	48	18000	25	0.34

E. DRILLING PROCESS

PROCESS

Rpm = 4500, feed rate V_f= 1.5 m/min

TOOLS

High performance through drill in solid carbide (VHW)

ref. 185772/185771

High performance through drill in solid carbide (VHW)

ref. 185742/185741

Drill bit for hardware

ref. 172250/172254

03/
Recommendations for edging

Typical recommendations for use when edging surfaces with protective film. These recommendations have been tested with Quivacolor (www.quivacolor.com) on our Ideal and their product SOLFILM-795D (https://quivacolor.com/producto/solfi lm-795/) with the following conclusions:

The use of this type of non-stick coating:
- Does not promote shrinkage or expansion of the board's protective film
- Does not promote de-adhesion or peeling of the protective film.
- Inhibits the appearance of irregularities when cutting film-coated boards.
- Provides less residue or fewer traces on the treated edge.

PROCESS OF EDGE BANDING WITH PROTECTIVE FILM

PROCESS
Rpm = 9000; feed rate = 20 m/min; speed per tooth F_z =0.74 mm

TOOLS

Diarex airFace
ref. 186333

Smart Jointer airFace
ref. 185970

p-System
ref. 184071

04/
Recommendations for cleaning and disinfection

These surfaces are non-porous and resistant in nature.
Therefore, they are easy to clean, do not require special care and make this surface a hygienic and durable material.

In EN 14323 (Wood-based panels. Melamine-coated boards for interior use. Test methods), substances that cause alterations or staining of melamine are collected and some cleaning and disinfecting agents are also included.

The maintenance of such surfaces requires only regular cleaning. In general, all that is required is to remove the dust with a soft, damp cloth, sponge or cloth, preferably with lukewarm water. But in the case of more persistent stains, other methods can be used.

- It is recommended to clean up liquid spills as soon as possible, especially if they involve wine, coffee, etc., or any product that is potentially aggressive to the surface.

- If there are grease stains present or visibly dirty surfaces, non-abrasive household cleaning products such as liquid soap, detergents or glass cleaners can be applied to help restore their original appearance.

- In the case of stubborn stains such as inks, paints, varnishes, nail varnishes or water-soluble adhesives, the use of alcohol mixed with water or acetone is recommended.

To disinfect these surfaces, products such as bleach diluted in water according to the manufacturer's instructions (active ingredient sodium hypochlorite), 70° alcohol (active ingredient ethanol) or disinfectant soap solutions as recommended by the manufacturer can be used. Rinse with clean water after use.

Under no circumstances should metallic scouring pads or sponges be used which could irreversibly damage the surface.
Abrasive or highly acidic/alkaline cleaning agents must not be used.

Paint thinners are not recommended, nor are waxes or polishes, which will certainly alter the gloss and even the colour of these surfaces.

Finally, it is essential that after cleaning or disinfecting with wet solutions, they are dried thoroughly with a clean, dry cloth.