

eco
DURA

100% Recyclable Anti Graffiti
Durable Signage & Cladding

Do your customers require fully recyclable and environmentally friendly signage solutions?

Do your customers require products with anti-vandal or anti-graffiti properties?

Do you have the demand for your products to be anti-bacterial?

NovaDura™ provides the solution

NovaDura™ is an innovative range of highly durable anti-graffiti, vandal resistant, recyclable printed signage and cladding. Also available in woodgrain finish for decorative & bespoke products with anti-bacterial options.

What is NovaDura ecoDURA?

ecoDURA™ is a 100% fully recyclable product that utilises a high pressure lamination process and thermo-hardening resin to provide outstanding full-colour print quality and long-term resistance to UV and exterior weather conditions.

With environmental accreditations, it scores significantly over ACM products. The customised print image is set within the thermo-hardened resin of the ecoDura panel preventing the further application of paint or a 'new customisation'.

ecoDURA™ panels can be printed both sides and are graffiti resistant enabling cleansing of the custom surface with many products such as water, white spirits, alcohol or acetone.

Supported with a 10 year exterior warranty and certifications to; BSEN 438 Parts 1 & 2, NF F31 112 // IMO Res. A. 653 (16) NV65 Wind Tested // NFP92 501/510-M1 & M2 // EN ISO 4892 Parts 1 & 2 Accelerated Ageing

Benefits

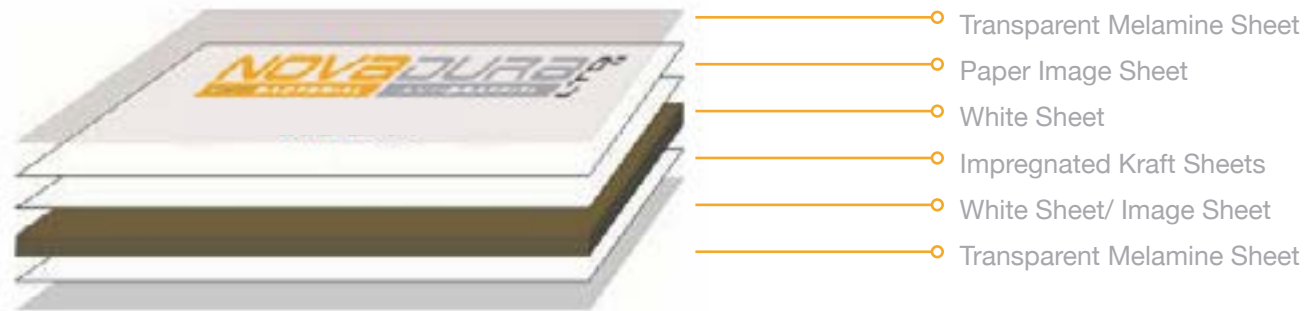
- Easy clean - Anti-vandal/graffiti resistant properties
- Anti-bacterial option
- Outstanding print quality
- Moisture resistant
- Fully recyclable – scores significantly over ACM
- Two sided print options
- 10 year exterior warranty

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THE PROCESS

High Pressure Digital Image Lamination
Process using Thermo-Hardening Resin



THICKNESS

0.8 mm *Provided with Sanded Back*
3 mm
6 mm
10 mm
13 mm

FINISH

Interior
Exterior (*UV Treated*)

Matt / Gloss / Textured

Options:
Both Sides Printing
Panel Centre:
Brown or White Kraft
M2 Fire Retardant as Standard
M1 to Special Order

DIMENSIONS

Custom-made

Full Panel Maximum Size:
1200 x 2700 mm

No Minimum Size
No Minimum Quantity



TECHNICAL RESISTANCE

100% Recyclable	UV Resistant	Durability	Frost/Heat Resistant	Can be Submerged in Water	Graffiti Resistant	Resistant to Permanent Markers	Fire Resistant	Burn Resistant	Resistant to Acids, Alkalis & Sea Spray

Certifications BSEN 438 Parts 1 & 2, NF F31 112 // IMO Res. A. 653 (16) NV65 Wind Tested // NFP92 501/510-M1 & M2 // EN ISO 4892 Parts 1 & 2 Accelerated Ageing

ENVIRONMENTALLY FRIENDLY

Policies, accreditation and certificates
available on request



DIGITAL FILES

Accepted Digital Support
CD, mail, FTP Server

Programs used by Nova Dura
Illustrator **CS6**, Photoshop **CS6**

File Formats
PDF, **vectored EPS**, AI

Minimum Resolution
300 dpi

File Processing
C M J N

Accents or special characters must not be written in the file name.

Vectored files with **transparency and shadows flattening** resolution.

100% of the real size or homothetic file (by 1/2, 1/4)
No enlargements over 400%

Bleed Off
5mm Border around the image
30mm For Both Sides Printing
50mm For a fresco of several joined panels

Bespoke artwork can be done by our designers at £70.00 per hour + VAT



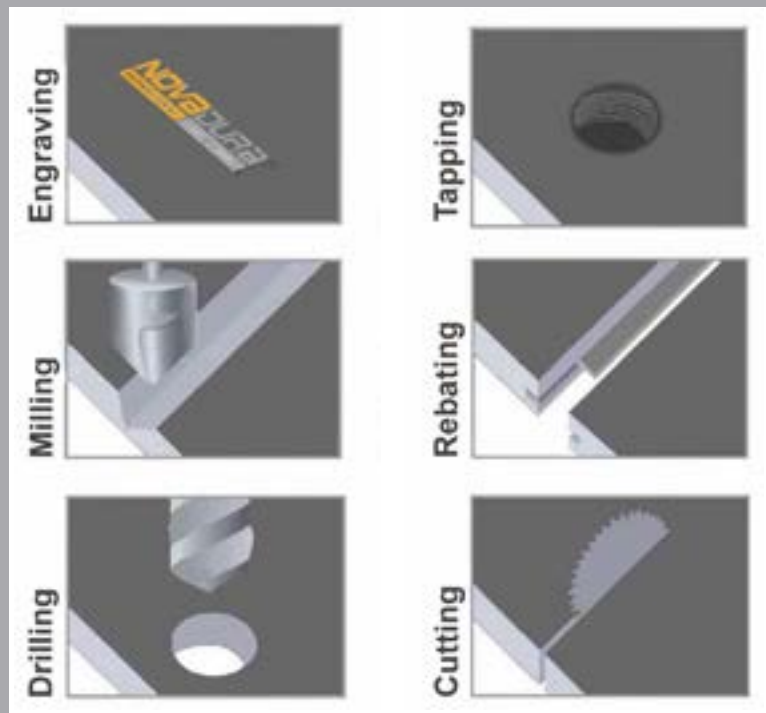
MACHINING

Custom Cutting
Cutting path on an **independent tracing paper**
Scale 1
Vectored cutting path without interruption

Drilling
Indicate the **diameter and drilling position**.
If you provide the cutting path, please note that the diameter must be inferior to the real drilling diameter.

(The drilling must always be 1 mm larger than the screw diameter to allow for the ecoDURA material expansion)

Inserts
M5 for 10 mm thickness
M6 for 13 mm thickness



MOUNTING SYSTEM

We would be pleased to advise for your application regarding fixing solutions

STORAGE

All ecoDURA panels are covered by a protective film applied to the personalised finish surface.

When handling, it is highly recommended to handle panels one by one to prevent friction and scratches.

For storage, it is compulsory to store the panels horizontally, on flat and stable pallets that have dimensions at least equal to the size of the panels. Store the panels in a closed room, away from excessive heat and moisture – at an ambient temperature.

**In case of long storage periods, flat storage prevents the appearance of panel distortion.

It is highly recommended that the panels are not stored for **more than 6 months** with the protective film on the customised finish surface.

MAINTENANCE

The ecoDURA panels are graffiti resistant, therefore, it is possible to **clean the custom surface** with many products such as water, white spirits, alcohol, or acetone using a dry, non-abrasive cloth (microfibre type).

The thermo-hardening resin, used for manufacturing the ecoDURA panels, prevents the application of paint or a re-lamination of the panel.

The customised image is included inside the panel material protecting it from a “new customisation”.

MACHINING

To machine the ecoDURA panels, it is possible to use the following machines:

- Saw, router, milling machine
- Drill
- Computer Numerical Control (CNC) machine.

However, the ecoDURA panels require the use of carbide or diamond tools (HSS).

It is highly recommended to keep the protective film on while machining the panels and to remove it **only at the time of final installation**.

When the ecoDURA panels are framed in a structure, it is compulsory to provide for spacing between the structure and the panels, for material expansion allowances.

TRANSPORT

All packaging is tailor made according to the customised ecoDURA panel dimensions.

When you receive your order, it is very important to open your packages to be able to notify the shipping carrier, in the event of damaged merchandise.

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