

NAVURBAN FLEX™

New Age Veneers has developed Navurban Flex™ to provide the ultimate flexible substrate, compatible with all decors in our Navurban™, Navurban Diamond™, Navurban Elements™ & Navurban Earth™ range. As trends evolve to more innovative shapes and designs, Navurban Flex™ enhances limitless possibilities.

Applications

Navurban Flex™ is suitable for curved applications in both Residential & Commercial environments. Please consult with a New Age Veneers representative if unsure on the application suitability.

Product Specifications

WIDTH	1200mm
LENGTH	Sold per LM
THICKNESS	0.5mm
FINISH	Navurban Flex™ is available in all finishes in the following ranges <ul style="list-style-type: none"> • Navurban™ • Navurban Diamond™ • Navurban Elements™ • Navurban Earth™

Emissions Test

Navurban Flex™ is tested for VOC Emissions to the ASTM D5116-2017 Method.
Result: Total VOC Emission Rate: 0.046 mg/m²/hr
Formaldehyde Emission Rate: 0.014 mg/m²/hr

UV Test Resistance

All embossed film based products have been tested using the Sunshine Weather O-Meter (SWOM) method up to 2000hrs.

Light Reflectance Value (LRV)

All decors have been tested individually to AS 1428.1 and reports available on request. Testing is also compliant with AS/NZS 1428.1-2009.

Fire Tests

Navurban Flex™ is tested in accordance with AS/NZS 3837-1998 Method of test for heat and smoke release.

Group Number Assessment in accordance with AS 5637.1-2015

Product Group Number Classification: Group 2

Average Specific Extinction Area: 60.1 m²/kg

Installation:

Before installing Navurban Flex™, we recommend reviewing the following guidelines to ensure optimal results:

- If using a contact adhesive with a “web” spray pattern, always trial a test piece first. This helps confirm a thin, even application and minimises the risk of excess glue buildup, which can lead to surface irregularities.
- For best results we recommend using TensorGrip ‘Bullet Bond’ **Mist** Spray contact adhesive, which provides consistent coverage without the issues associated with webbing.
- If using a spray gun, adjustments to the atomisation of the material sprayed may be required to trial. This will ensure the way it sprays, quantity and material being sprayed is at optimal condition.
- PVA glue can be used, however ensure glue is evenly spread and be wary of quicker drying times on larger areas that may impact the overall application of Navurban Flex™.

Ensure spray nozzle is clean and surface area on Navurban Flex™ backing and the substrate desired for application is free of dust or contaminants such as oil, dirt, saw dust etc.

Contact adhesive should be sprayed evenly and flat across surface. We do not recommend raw ply substrate, the surface needs to be a smooth finish for application.

Once contact adhesive is applied to the substrate wait the recommended tack off time on adhesive used.

- Tack off time can vary from 30 seconds to 5 minutes depending on adhesive.

Pre the Navurban Flex™ with a laminate roller evenly to avoid bumps or fold in material.

Setting time may vary upon temperature of environment of application.

Once Navurban Flex™ is set, trim edges carefully with a sharp flat blade or chisel for a refined look and sand sharp edges with 280 grid abrasive paper or similar. We don't recommend filing the Navurban Flex™ as it is a film based product applied to a paper backing.

Due to Navurban Flex™ narrow 0.5mm thickness, this provides high flexibility capable of achieving very tight radius's with ease.

Other alternatives to achieve curved finishes:

- 3mm MDF G1S/RAW
- 1.8mm MDF G1S/RAW
- 9mm Craftform (kerfed either short or long grain)

Navurban Flex™ Material Make-Up:

1. Top Coating
2. Transparent NON-PVC Layer
3. Printed Layer
4. Non-woven Paper Backing

