

# 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. Navurban Flex™ is NOT a substitute for laminate but rather an alternative product with a distinctly different composition and as such the specific usage of it should be carefully considered.

### Product Specifications

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

### Emissions Test

Navurban Flex™ is tested for VOC Emissions to the ASTM D5116-2017 Method. Result: Total VOC Emission Rate: 0.046 mg/m<sup>2</sup>/hr  
Formaldehyde Emission Rate: 0.014 mg/m<sup>2</sup>/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 m<sup>2</sup>/kg

### Disclaimer

This technical data sheet is provided by new age veneers as a general installation guideline. It is the responsibility of the installer to conduct appropriate testing and ensure suitability of materials and methods for each specific application.

### Installation:

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

- If using any 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 heavier build-up often associated with web spray adhesives.
- TensorGrip ‘Bullet Bond’ **Mist** Spray, has an open time of approximately 1-3 minutes, depending on the ambient temperature, humidity and application conditions.
- If choosing to use TensorGrip ‘Bullet Bond’ **Mist** Spray, it is recommended to apply a double coat to both surfaces, as it is a thinner contact adhesive.
- 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 as uneven surfaces may telegraph through the flexible material. Additionally, it is not recommended to be used on a HPL laminate or any surface that is NON POROUS.

After adhesive has been applied to both the substrate and the back of the Navurban Flex™, allow the adhesive to reach the recommended tack-off time as specified by the adhesive manufacturer.

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

Carefully position the Navurban Flex™ onto the prepared substrate and apply consistent pressure using a laminate roller. Roll evenly across the surface to ensure full contact and to eliminate air pockets, bumps or folds in the 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. Once cured, TensorGrip ‘Bullet Bond’ **Mist** Spray, is capable of withstanding temperatures up to approximately 85°C.

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

