





TRESPA MITEON EXTERIOR PANELS

Trespa® Miteon® is a rigorously engineered High Pressure Laminate (HPL) that turns wood based fibres and resins into a high impact resistant, dimensionally stable building material with an exceptionally high delamination strength. The panels are cured by Trespa's unique in-house Electron Beam Curing (EBC) technology to enhance weather resistance and light protecting properties.

The resulting HPL has a homogenous core and is available in several thicknesses between 6mm, 8mm, 10mm and 13mm. Consistent and high density throughout, Trespa® Miteon® holds screws and other mechanical fixings solidly and can also be face routed. The panels have good compressive and tensile strength, excellent pull-out and impact resistance, yet Trespa® Miteon® is easily workable, colourfast and graffiti proof by nature.

Trespa® Miteon® is available in a wide range of colours and textures and custom colours can be created for larger projects. It comes in four master sheet sizes and four thicknesses.

TRESPA® MITEON® BENEFITS

WEATHER RESISTANT AND COLOUR STABLE

Trespa® Miteon® is designed for outdoor applications and is extremely weather resistant. Both the UV resistance and colour stability are very high with a 4-5 classification on the International Grey Scale (ISO 105 A02) for most colours.

LOW MAINTENANCE & GRAFFITI RESISTANT

The smooth panel surface has a closed non-porous structure, ensuring that practically no dirt accumulates. Trespa® Meteon® requires only annual cleaning making the through life cost of the panel extremely low when compared with scaffolding and painting costs of alternate cladding solutions.

Trespa® Meteon® helps to create low maintenance exterior applications. The material is robust and nonreactive, so no coatings or protective covers are required for exposed surfaces or machined edges. Its closed, pore-free surfaces of dense HPL practically eliminate dirt accumulation, keeping Trespa® Meteon® smooth and easy to clean.

Trespa® Meteon® is Graffiti Proof as paint can be easily removed with a standard graffiti remover making it ideal to use on schools, hospitals and public buildings.

TOUGH, SOLID AND STURDY

The modulus of elasticity and high tensile and flexural strength guarantee Trespa® Meteon®'s high impact resistance making it ideal to use in high use areas. The dimensional stability and workability of Trespa® Meteon® are comparable to those of hardwood, however, when properly installed, Trespa® Meteon® resists moisture, freeze-thaw cycles, mould and rot.

Its homogenous, high density core makes Trespa® Meteon® extremely robust. Under typical conditions, the material stability lasts for many years with negligible performance loss.

Thanks to its unique properties, Trespa® Meteon® is highly durable, ensuring that façades retain their high aesthetics throughout their life.

GUARANTEE

Trespa® Meteon® panels have a manufacturers guarantee of 10 years and a serviceable life expectancy in excess of 50 years.

SPECTACULAR FACADES TO ENHANCE BUILDINGS

Trespa® Meteon® when combined with our patented Profix system can help to create energy efficient, healthy building designs with a positive impact on long-term performance and value.

Trespa® Meteon® panels are perfect for use in innovative and functional ventilated façade systems. Used on its own or as a highlight in combination with other materials, Trespa® Meteon® can determine the look and underline the qualities of a building. Its wide choice of colours and finishes allows the creation of individuality or conformity - to express the vision of the architect or the corporate image of a company.

BUILDING COMPLIANCE AND TESTING

Trespa® Meteon® has been tested in New Zealand in conjunction with our patented Profix system to:

- AS/NZS 4284:2008 Testing of Building Facades,
- NZBC E2/VM1 Verification Method
- Complies with the requirements of NZBC B2:LBA Durability Appraisal Report with a 15 year Durability appraisal for the Trespa panel and 50 year Durability appraisal for the Profix Cladding Systems.

COLOURS & FINISHES

Trespa® Meteon® architectural panels are available in a wide range of standard colours, effects and finishes. These panels have the ability to transform, enhance or even add new dimensions to any design. Trespa® Meteon® combines its large choice of colours with a robust and durable panel so today's vision will remain tomorrow's reality. In addition to a large number of standard colours, Trespa can also be matched to custom or corporate colours for orders over 200m².

