



## TS20 PROFIX CLADDING SYSTEM

**Profix TS20** Concealed fixed flat panel façade system is a unique 20mm aluminium vertical rail system specifically designed for use with **Trespa® Meteon®** panels. **TS20** offers a cost effective method for fixing **Trespa® Meteon®** panels with a vertical set out and up to a maximum height of 4.6 meters. Profix Systems are tested to AS/NZS 4284 and compliant with the requirements of NZBC sections B1 Structure, B2 Durability and E2 External Moisture.

**TS20** is perfect for single storey buildings, parapets and all simple low level construction. Panels are configured vertically with either a ship-lapped or expressed vertical joint. Horizontal joints are formed with a simple horizontal shiplap that enables panels to extend to 4.6 meters high. Panels can be configured creatively to utilise various colours and widths to enhance even the simplest build, adding colour and tonal variation.

**TS20** is further enhanced with an extensive range of Trespa® Meteon® colours and a full range of flashing components for windows and internal and external corners. A range of powder coated colour finishes can be selected for the aluminium rail and flashing components.

### Scope: Where to use TS20

- Suitable for use as a residential or commercial cladding façade up to 4.6 meters
- Fixed over a Rigid Air Barrier or Building wrap compliant with NZBC E2/AS1/Table 23: 1 August 2011 and NZS 3604: 2011 as follows:
  - With Building Wrap: Up to "Very High" wind zone at 50 m/s or 1.5 Kpa ULS wind pressure
  - With Rigid Air Barrier: Up to "Extra High" wind zone at 55 m/s or 1.8 Kpa ULS wind pressure
- For use in wind zones exceeding 1.8 Kpa wind pressure the system and fixings must be specified as site specific by the system suppliers
- Suitable for use in all environments including sea spray and geothermal zones
- Suitable for use with either 8.0mm or 10mm Trespa® Meteon® in vertical panel sizes up to 2.5m x 1.2m. The use of panel sizes exceeding 2.5m must be specified as site specific by the system suppliers

### Benefits: Why use TS20

- Warranted system that is tested to AS/NZS 4284 and compliant with the requirements of NZBC sections B1 Structure, B2 Durability, E2 External Moisture.
- Trespa® Meteon® is a core cured homogenous HPL façade panel that is manufactured using Trespa's unique Electron Beam Curing process resulting in a panel that has surface and core durability with an extremely high delamination strength
- Trespa® Meteon® is a prefinished panel that is graffiti resistant and offers exceptional impact resistance





- For use with 8mm or 10mm Trespa® Meteon® panels that are available in an extensive colour range with proven durability and colour fastness
- Profix **TS20** rail system is durable, lightweight, fixed vertically over continuous framing and can span between the fixings allowing the rail to be packed straight and true
- **TS20** offers minimal maintenance and exceptional through life performance
- The Sika Tack adhesive system offers concealed fixing giving a clean, flat and straighter finish to the facade
- Exposed mechanical fixings (wafer head coloured 304 stainless steel screws or coloured structural rivets) can be used
- Suitable for use as a cladding solution on new buildings and facade upgrades
- Supply and installation carried out by Approved Installers only

**Compliance: Within the New Zealand Market Place**

- Tested and compliant with AS/NZS 4284:2008 Testing of Building Facades  
Fletcher Aluminium Laboratory Test Report No.T415
- Tested and compliant with NZBC E2/VM1 Verification Method  
Fletcher Aluminium Laboratory Test Report No.T416
- Les Boulton & Associates Durability Appraisal Report No. 121001
- Façade Design Services PS2 Report
- Trespa® Meteon® Grey Scale Rating (Florida cycle) of 4-5
- Trespa® Meteon® Product Guarantee 10 years
- Workmanship Warranty of 2 years