



## TRESPA PROFIX SYSTEMS

Proprietary Profix ventilated façade systems have been specifically designed for use with Trespa® Meteon® panels.

Profix systems offer ventilation, drainage and concealed fixing for both flat panel and weather-board facades. They have been designed to address the four key principles of Drainage, Drying, Deflection and Durability.

Profix Proprietary systems are weather-tight offering unique and patented systems of ventilation, drainage and concealed fixing for both flat panel and weatherboard facades. Designed with differential movement in mind all Profix systems are fixed one directional with a built in tolerance to allow for the natural movement that occurs between the framing, aluminum rails and the façade panel.

Profix ventilated facade systems deliver intelligent fixing methods that enable almost limitless design possibilities, these unique ventilating facades are designed to create functionality to Trespa® Meteon® panels. In industry studies, ventilated facade systems are a proven way to create energy efficient, long lasting facades, that are shown to reduce energy needs and improve interior environments to benefit occupants health.



Profix systems have been developed in New Zealand and tested to meet the requirements of the New Zealand Building Code. Profix flat panel and weatherboard facade systems have been tested to meet the requirements of AS/NZS 4284, NZBC E2/AS1/VM1 and B2 respectively. Furthermore all our systems have been Peer Reviewed by an IANZ accredited Façade Engineer and Durability Appraised by a Corrosion Specialist to ensure all elements comply with New Zealand durability standards. This includes colour stability and a life cycle analysis of our Trespa® Meteon® panels.

Profix ventilated façade systems have been developed to meet the current building requirements and include:

### **PROFIX PXF -**

A 35mm timber cavity batten system utilising structured timber battens fixed to horizontal framing to provide an economical solution for straightening existing structures.

Profix PXF offers a fast and cost-effective installation method for Trespa Meteon panels. Perfect for schools and low level commercial projects.

### **PROFIX TS10 -**

A concealed fixed weatherboard facade system, with a unique concealed fixed aluminium rail system offering a 40mm drained and ventilated cavity that ventilates and drains at each horizontal lap. Suitable for use as a residential or commercial cladding façade up to 4 levels.

### **PROFIX TS20 -**

A concealed fixed flat panel façade system with a unique aluminium vertical rail system offering a 20mm drained and ventilated cavity. Suitable for use as a residential or commercial cladding façade up to 4.6 meters.

### **PROFIX TS35 -**

A concealed fixed flat panel façade system with a unique aluminium multi rail system offering a 70mm drained and ventilated cavity. Suitable for use as a residential or commercial cladding façade up to 4 levels.



### **PROFIX TS45 -**

A concealed flat panel facade system with a unique concealed fixed aluminium rail system offering a 45mm drained and ventilated cavity. Suitable for use as a multi-level residential or commercial cladding system up to 2.5 Kpa ULS or higher with consultation.

### **PROFIX TSEQ -**

Profix TS-EQ Concealed fixed, flat panel façade system is a unique aluminium multi rail hanging system. TS-EQ has been designed and tested to meet the seismic requirements of the NZBC.

### **PROFIX T50 -**

A drained and ventilated cladding system with 50-600mm wide cavities. Suited for Multi-level simple and complex facades.