

## **Elite Sterling PVC - Product Data Sheet**

Elite Sterling Hygienic Cladding is the extruded PVC flat sheet. The sheet is characterised by a smooth, easy clean and durable surface. It transforms normal wall finishes into an even, cleanable surface which is impervious to the ingress of dirt. The sheets are available as satin/gloss or matt/gloss. A range of standard widths and thickness are available.

Elite Sterling utilises an innovative antibacterial technology. Bacteria, fungi, moulds and mildews are all present in our everyday environment. Certain microbes are harmful to humans and if left unchecked will proliferate to cause infections and diseases. Where there is a particular need to control these, in sensitive environments such as hospitals and clinics, Elite Sterling can be used to provide an extra layer of protection when combined with normal cleaning procedures.

### **Standard sheet sizes: Tolerance:**

Width: Up to 1220 mm  
Length: 2440 – 3050mm  
Thickness: 0.9 – 2.7 mm

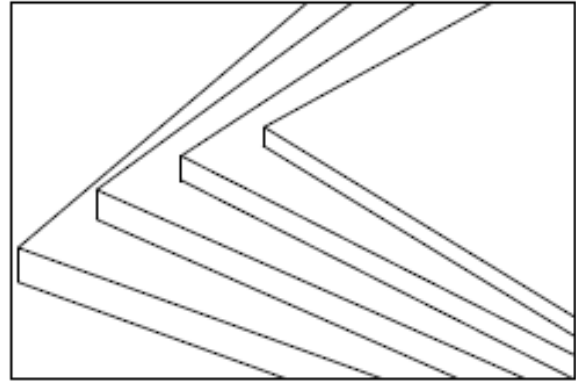
\*Non-standard sizes are available subject to minimum order quantities.

**Sheet Weight:** 1.42 kg/m<sup>2</sup>@1mm

**U-value:** 5.7 W/m<sup>2</sup>K@1mm

### **Service Temperature**

Elite Sterling can be installed in a diversity of applications, with varying temperatures. The material's mechanical performance is known to remain stable in prolonged service in temperatures ranging from -20 to +60°C.



### **Installation**

Applications of Elite Sterling must make adequate allowance for thermal movement, nominally 3.5 mm per metre. Adequate clearance must be allowed in the holes drilled for fixing and sheet lengths have to be limited so that there is not excessive movement at the ends. It is essential that compatible gaskets or silicon be used in installation.

### **Fire Performance**

The fire performance of Elite Sterling has been independently tested. For the most up to date certifications please contact the technical department

### **Testing**

Elite Sterling has been tested to JIS Z 2801 (ISO 22196) and has been shown to exceed the requirements of this standard. In the bacterial challenges it caused a reduction of greater than 99.99% in the applied bacterium.

### **Durability**

The active additive has been shown in tests to be still working in excess of eight years after installation.