

# Composite Cladding and Screening Products



For new or replacement  
maintenance-free  
screening or cladding  
projects

**CONSTRUCTION**  
High performance composites

**dura**  
composites



# Screen Clad Translucent Mesh Screening & Cladding Panels

## Fibreglass Construction

Manufactured from a high performance Fibreglass composite, Screen Clad Mesh combines strength, durability and zero maintenance, making it the perfect choice for many applications, including facades, sun screening, equipment screening and cladding panels.

## Translucent Mesh

The translucent resins used in Screen Clad Mesh are lightly tinted to allow maximum light transmission, whilst producing a modern decorative effect in a wide range of colours. Further backlighting can provide various visual effects on the front surface, offering an impressive enhancement at minimal cost, the ideal solution for new or refurbished buildings. Although offering excellent light transmission qualities, Screen Clad Mesh also offers sun shade protection, with the advantage of 70% air flow ventilation.

Screen Clad Mesh can serve as the catalyst for many high profile projects which require a cost effective cladding system, to include ventilation and an aesthetically pleasing effect.

## Screen Clad Mesh Applications

- **Equipment Screening**  
Screening rooftop utilities, tankage, air conditioning units, piping etc.
- **Sun Screening**  
Car parks, leisure centres, hotels, shopping centres
- **Ventilation Screens**  
Railway stations, underground car parks - the open mesh provides air flow properties
- **Cladding Panels**  
Public buildings, architectural facias, factories, super stores
- **Suspended Ceilings**  
Screen Clad allows direct or angled lighting from behind, for special effects
- **Architectural design features**  
Decorative effect or screening for new or refurbishment projects with optional backlighting for special effects

## Screen Clad benefits

- High performance composite construction
- High strength to weight ratio
- Translucent permanent colour
- Zero maintenance
- Easy to erect / install
- Corrosion and weather resistant
- 316 stainless steel fixings available
- Fire resistant grades available - UV stable
- Easily cleaned with water pressure washer
- Simple machining and installation on site
- Excellent value 'life cycle cost'
- Up to 70% air flow ventilation

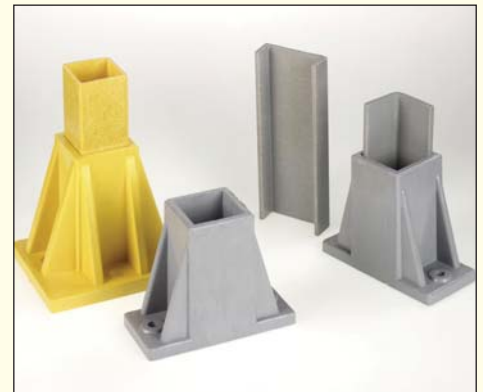


Sample panels showing colour range & backlighting



Samples showing 'open mesh' for air flow

## Screening panel fixing systems



Rooftop screening panels can easily be secured using Pultruded Fibreglass channel, box and angle section bracings attached to heavy duty fibreglass 90° and 45° angle sockets bolted to the floor.

# Dura Cladding Product Range

Composite Timber Cladding for offices, public buildings, hotels, commercial premises, holiday and theme parks, factories etc.

**Type: 140/28 Insulated**



**Size: 140mm x 28mm**



**Style: Insulated Cladding**



**Fixing: Tongue and groove batten and screw fastening**

## Durable Engineered Composite

Dura Cladding composite timber is an ever increasingly popular choice for finishing the outside of commercial and domestic buildings. Otherwise known as weather-boarding or siding, standard or timber effect cladding is an attractive and economical way to finish the exterior of both new and refurbished buildings. Dura Cladding provides a hardwearing, protective layer against the elements and is an excellent insulator.

## Wood Plastic Composites

Dura Cladding is produced from wood plastic composite (WPC) which is manufactured by an extrusion process using a mix of recycled plastics and hardwood wastes with various bespoke additives.

WPS is an immensely versatile material which combines the traditional appearance of timber with the durability and resilience of an engineered composite. Given it is available in a tasteful range of colours and profile sections.

## Long-life Weathering Properties

Dura Cladding benefits from a natural appearance, long life, light weight, low

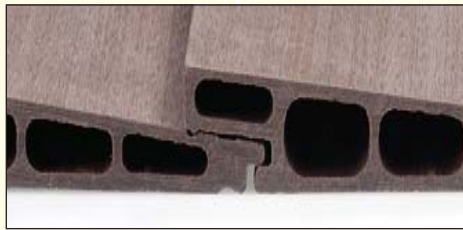
**Type: 175/30 Weatherboard**



**Size: 175mm x 30mm**



**Style: Weatherboard Cladding**



**Fixing: Tongue and groove batten and screw fastening**

maintenance, non warping, non rotting, corrosion and electrical resistant, low installation cost, long service life, UV Stable.

Dura Cladding products compete very favourably on a life cycle cost basis versus traditional materials due to their limited maintenance needs and long lifespan.

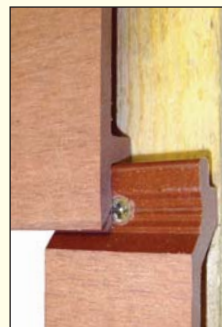
Dura Cladding is designed and has been tested to withstand extreme weather conditions.

Various standard cladding profiles are available, and custom profiles incorporating alternative fixing systems can be produced to specification

## Tongue & Groove fixing detail



Cladding tongue, drilled and counter sunk and screwed to batten



Cladding groove overlap seals against weather conditions

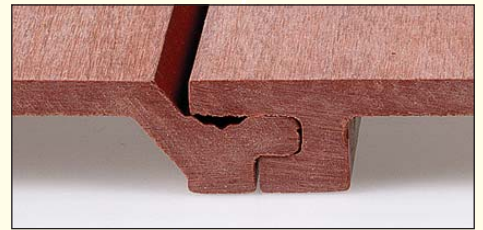
**Type: 140/21 Flush**



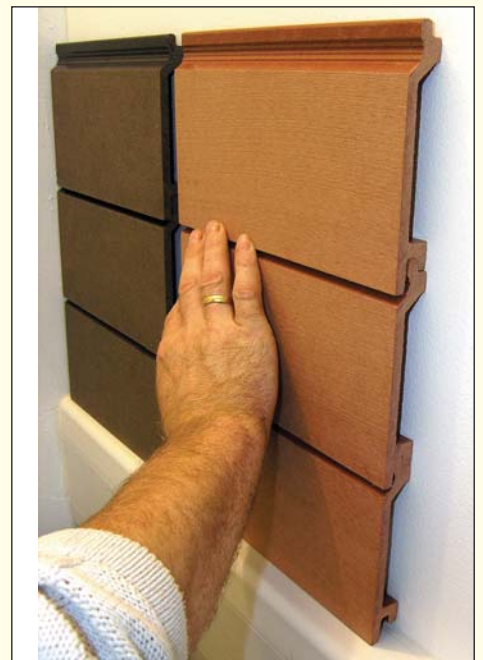
**Size: 140mm x 21mm**



**Style: Flush Cladding**



**Fixing: Tongue and groove batten and screw fastening**



## Colour Range



Maple



Charcoal



Terracotta

# Dura Cladding Projects



**LOW EMBODIED ENERGY**  
**LOW "U" VALUES**  
**LOW THERMAL EXPANSION**  
**HIGH "R" VALUE**

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