

Product Datasheet

Dura Cladding Flush Resist Planks

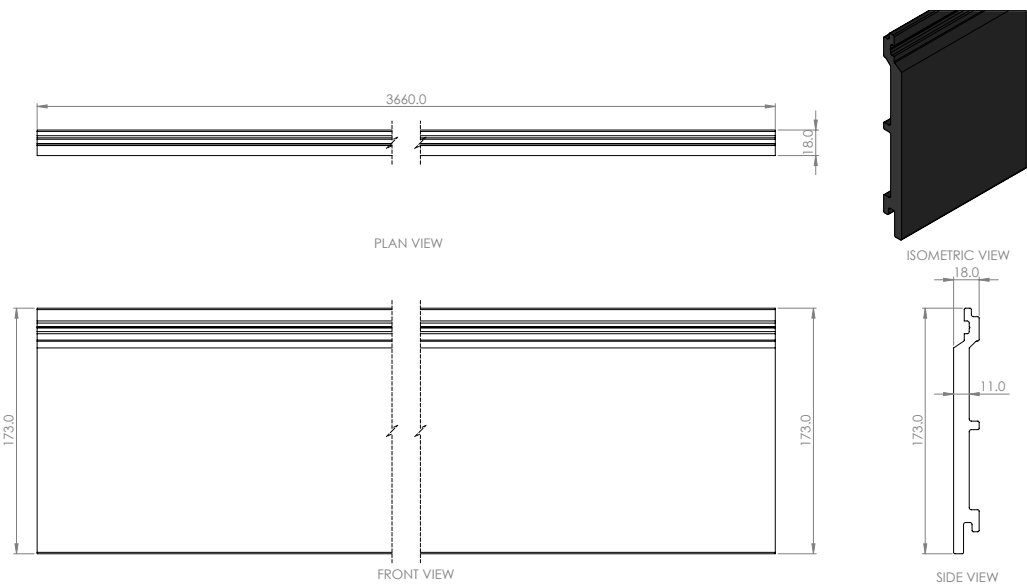


Product Description

The co-extruded composite timber Dura Cladding Flush Resist with its 360° protective armour is a solution that requires minimal ongoing maintenance during its long design life. It is ideal for low-rise commercial or domestic use under 11 metres, or new build and refurbishment projects that require a Class B-s1,d0 fire rating in accordance with BS EN 13501-1:2018. Both vertical and horizontal orientations can be achieved easily using the same product profile.

Product Details

Length (mm)	Thickness (mm)	Visible Face Width When Installed (mm)	Maximum Fixing Span (mm)	Weight Per Lin m (kg)	Colours/Product Codes
3660	18	150	600	2.07	Charcoal (RC04001) Alaskan Cedar (RC05001) Grey (RC06001)



Product Applications & Material Type

- Garden Rooms
- Holiday Lodges
- Clubhouses
- Garages
- Golf Clubs
- Public & Private Buildings Under 11 metres

Colour Options

The Dura Cladding Flush Resist range is available in a range of 3 attractive colours, Charcoal, Alaskan Cedar and Grey. All three colours are held as standard stock at our UK Operations Centre for immediate call-off (subject to availability).



Test Performance Overview

The table below shows an overview of the Dura Cladding Flush Resist test results. For more information, please ask your Dura Composites Sales Representative.

Flammability Resistance BS EN 13501-1:2018	Class B-s1, d0	High Temperature Effect (52 ±2°C)	22.70 MPa
Linear Thermal Expansion (Lengthways)	29x10-6 K-1	Moisture Effect (85%RH)	39.60 MPa
Water Absorption	0.45%	Freeze-Thaw Effect	Flexural Strength after freeze-thaw resistance: 32.50 MPa
Density	1.29 g/cm3	Flexural Stiffness	3870 MPa
UV Light Ageing Test	ΔE*ab = 2.60	Resistance to Indentation	Brinell Hardness: 56.17 MPa
Tensile Strength	12.3 MPa	Charpy Impact Strength	2.6 kJ/m ²
Flexural Strength	39.80 MPa		
Low Temperature Effect (-29 ±2°C)	45.10 MPa		

Material

Composite Timber (made from up to 78% recycled materials).

Safety

It is advisable to undertake a risk assessment, with particular focus on manual handling procedures. Wear appropriate gloves and coveralls to shield skin from abrasions. If shaping the product, it is essential to factor in the potential production of dust. To mitigate this, it is vital to either suppress the dust at source or employ effective extraction methods. We strongly recommend the use of appropriate respiratory protective equipment (RPE), specifically filtering facepiece class 3 (FFP3) masks, alongside adequate eye protection to guard against dust.

Disposal

Durable and long lasting our cladding is made from eco-friendly recycled materials. Product is not considered a hazardous waste. Abide by local laws and procedures.

Design Life & Warranty Information

Dura Cladding Flush Resist is designed for a 25 year service life and comes with a 15-year warranty. As with all Dura Cladding products, you must install the product according to our manufacturer recommendations to preserve your warranty. To activate your warranty, please register your product with us within 30 days of your invoice date at www.duracomposites.com/warranty.

Delivery

UK Mainland: delivery within 2-3 business days. Scottish Highlands & Islands, Isle of Wight and Northern Ireland: delivery within 4 business days. Please Note: Exports to Europe, Canada, Middle East and beyond can be arranged as required.

Compatibility

Dura Cladding Flush Resist is compatible with the below products.



Dura Aluminium Bearers: A2 fire rated aluminium bearers ideal for projects that require battening. Made from 6063 grade aluminium (T6) and greater strength to size ratio than traditional materials.



Fast Fit 2-Part Trim System: An innovative range of custom made aluminium trims, as well as no-fuss fixing screws, for ultimate ease of installation.

