

Product Datasheet

Dura Deck® Inspire A1

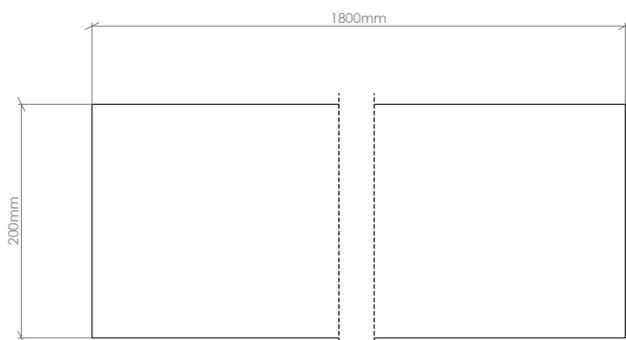
Product Description



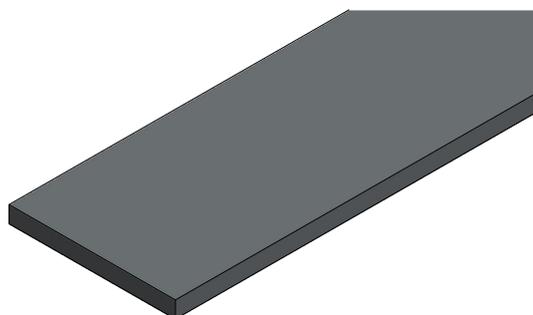
The Dura Deck® Inspire collection consists of unique 1.8m long A1 fire-rated porcelain deck planks ideally suited to applications where the building height exceeds 11m. It is compliant with recent changes in legislation for medium rise and high rise buildings and has a long design life that's perfect for a wide range of applications such as balcony decking. The planks are UV colour stable, do not scratch, warp or rot, and weigh just 14kgs each, meaning they are easy to manoeuvre around your site safely.

Product Details

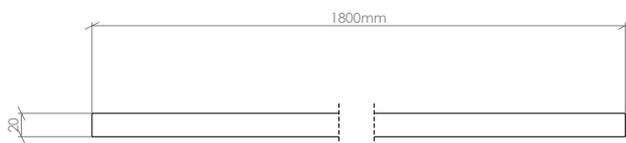
	Length (mm)	Width (mm)	Thickness (mm)	Plank Weight (kg)	Weight Per m ² (kg)	Pack Quantity	Pack Weight (kg)
Nominal Size	1800	200	20	14	39	2	28
Actual Size	1797	195					



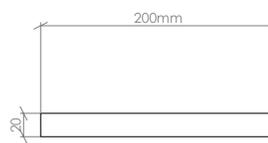
PLAN VIEW



ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW

Product Applications & Material Type

- Balconies
- Rooftops
- Terraces
- Pedestrian walkways
- Pool Surrounds
- Outdoor walkways
- General Hardscaping

Colour Options

The Dura Deck Inspire range is available in a range of 4 attractive colours. Dove and Merula are our most popular colours and are held as standard stock at our UK Operations Centre for immediate call-off. Please check with your Dura sales representative prior to placing your order as Wren may be subject to extended lead times and minimum order quantities.



Test Performance Overview

The table below shows an overview of the Dura Deck Inspire test results. For more information, please consult the Dura Deck Inspire Technical Manual.

Test	Required Test Criteria	To Test	Test Result
Anti-Slip Rating		PTV Value in Wet & Dry Conditions	Average Dry PTV Value: 69 Average Wet PTV Value: 61
Water Absorption	<0.5%	Standard BS EN 14411:2016	<0.04%
Breaking Strength			>14.38Kn
Bending Strength	R > 35 N/mm ²		53 N/mm ²
Abrasion Strength	< 175 mm ³		<128 mm ³
Fire Resistance	A1		Class A1
Frost Resistance			Pass
Breaking Force (Mpa)			MPA 46.5
Chemical Resistance	UB Min		UA, ULA, UHA
Stain Resistance	Min. Class 3		Class 5
Surface Flatness	Standard: ISO 13006		Measurement within scope (+ / - 0.5%) in Length or Width

Span & Loading Capabilities

Component	Span & Loading	Deflection
Dura Deck Inspire Plank	Up to 600mm Span based on 2kN Point Load (@5kN/UDL)	L/200
Dura Deck Inspire Plank + Plank Retainer		L/2433

Recyclability

100% recyclable material.

Sustainability

Dura Deck Inspire planks are produced in Europe with 61% of pre-consumer recycled materials. All raw materials used in the production come from a radius of 500 miles of the manufacturing plant and the products' cardboard packaging materials are both made from recycled paper and are further recyclable.

Design Life & Warranty Information

Dura Deck Inspire is part of the Dura Deck range. It has a life expectancy of 60 years and comes with a 10-year structural warranty. As with all Dura Deck 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

Delivery within 2-3 business days. Bespoke items also available on request.

