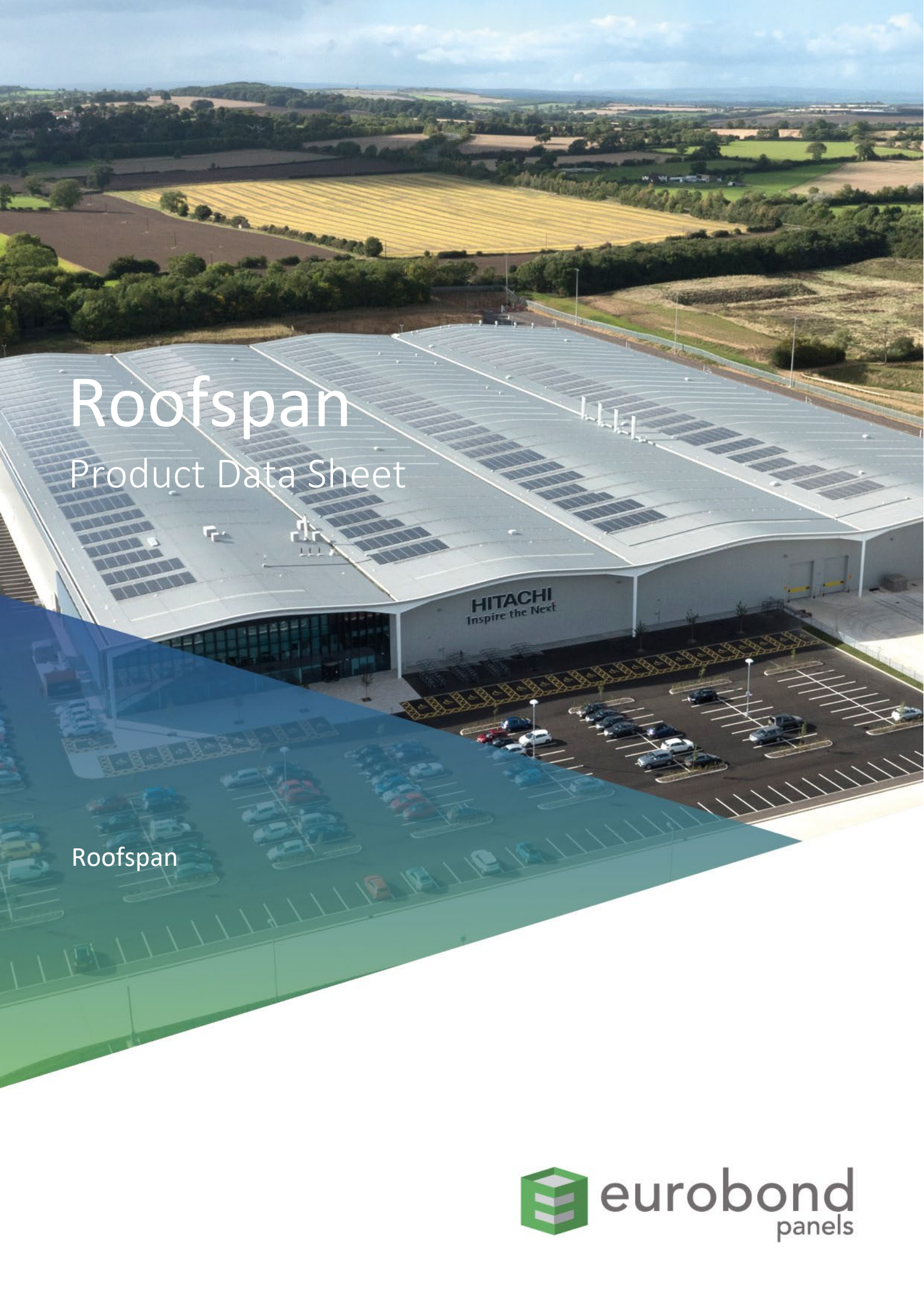




Roofspan

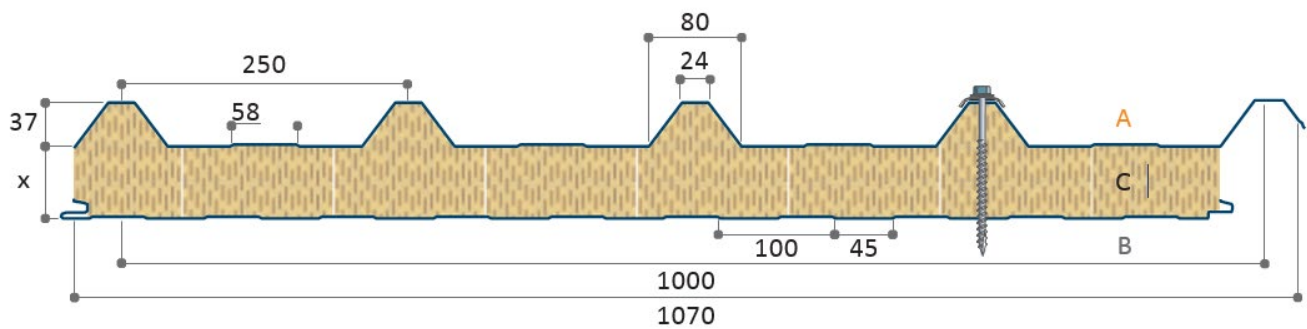
Product Data Sheet

Roofspan

Roofspan® – Product Data Sheet

Application

Roofspan is an external sandwich roof panel, featuring a trapezoidal steel outer sheet, a stone wool core and a flat steel liner sheet. Roofspan panels are supplied with a 37.250.1000 profile and can be applied to structures with a minimum post-deflection roof pitch of 5°.



Product Tolerances

Product Tolerances	
Length	$\leq 3\text{m} = \pm 5\text{mm}$, $> 3\text{m} = \pm 10\text{mm}$
Width	$\pm 2\text{mm}$
Thickness	$\pm 2\text{mm}$
Facing Squareness	$\pm 2\text{mm}$
Flatness	1.5mm from theoretical flat plane over a distance of 700mm
Joint Gap	$\pm 2\text{mm}$

Roofspan® – Product Data Sheet

Standard Specification

- Length: 2500mm up to 14000mm
- Panels <2500mm long can be supplied subject to an extra charge
- Lengths subject to verification for structural performance
- Width: 1000mm
- 80mm to 280mm cut back trapezoidal overlap detail
- Can be installed down to a minimum finished pitch of 5°
- 0.6mm external steel face, in a range of coatings and colours
- 0.5mm internal steel face, in a range of coatings and colours
- 100kg/m³ density stone wool core
- CE-marked to EN 14509:2013

Technical Properties

Roofspan								
Thickness	mm	50	80	100	120	150	175	200
Weight (0.6mm/0.5mm)*	kg/m ²	15.7	18.6	20.6	22.6	25.6	28.1	30.7
Thermal	W/m ² K	0.77	0.51	0.41	0.35	0.28	0.24	0.21

* Internal/External steel face gauge/thickness

Specific span and acoustic performance information can be provided by the [Technical Team](#) on a project-by-project basis.

Appropriate protection should be applied to the top face of the panel during installation. To avoid damage to this top face, the panels should never be used as a working platform.

Fire Performance

Roofspan can offer a Euroclass A2-s1, d0 Reaction to Fire when tested and classified to BS EN 13501-1:2013 subject to the external steel coating specified. Please contact our [Technical Team](#) for information.

Roofspan is classified as BROOF(t4) to BS EN 13501-5:2016 for roof pitches equal to or below 10° subject to the external steel coating specified. Please contact our [Technical Team](#) for information.

Roofspan can also offer fire resistance performances from 60 minutes up to 2 hours Insulation and Integrity (to BS EN 1365-2:2014) depending on thicknesses. Specific performances should be verified by the [Technical Team](#) on a project-by-project basis, to the correct standards.

Build a Better Future Together

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