

Omnis

By **System'**



SpeedDeck[®]

with Solid Walkliner

System Overview

This is an overview only, for in-depth technical information and more resources visit www.systembuildingproducts.com or email omnis@systembuildingproducts.com

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SpeedDeck With solid Walkliner

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Profile Description*

SpeedDeck® 510
Secret fix 45mm deep standing seam
system.

Materials Available

Aluminium

Finishes

Stucco Embossed or Painted Finish ARS
& PVdF

Gauges*

0.9mm & 1.2mm

Colours*

Standard & special colours (subject to
minimum order)

Steel

Finishes

HPS200 Ultra®, Plastisol

Gauges*

0.6mm & 0.7mm

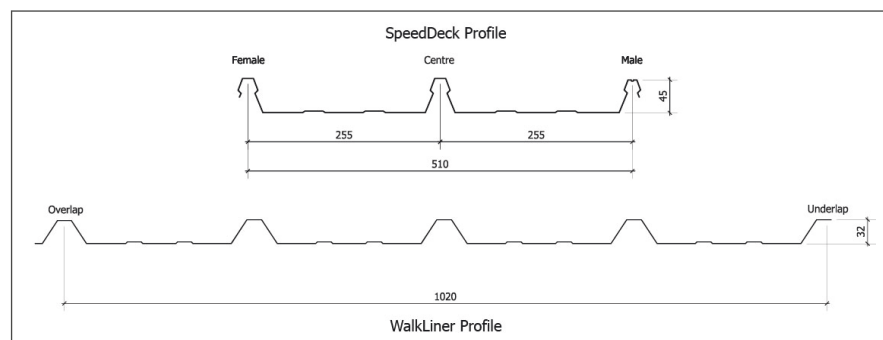
Colours*

Standard & special colours (subject to
minimum order)

Accreditations



Auditing Workmanship & Materials Ltd



Product Profile

Format Available*

Straight & curved

Warranty

Both insurance backed and non-insurance backed warranties up to 25 years, available upon request.

Accreditations*

LPCB, ISO 9001, Confidex Sustain, ISO 14001 materials

Support Centres

Generally 1.8m with closer centres throughout the perimeter depending on the project loadings.

Spacer System

Galvanised or Powder Coated Steel Fixing Clip and IsoBar / IsoBar Ultra Spacer system & continuous 30mm top hat section

U-Values Available

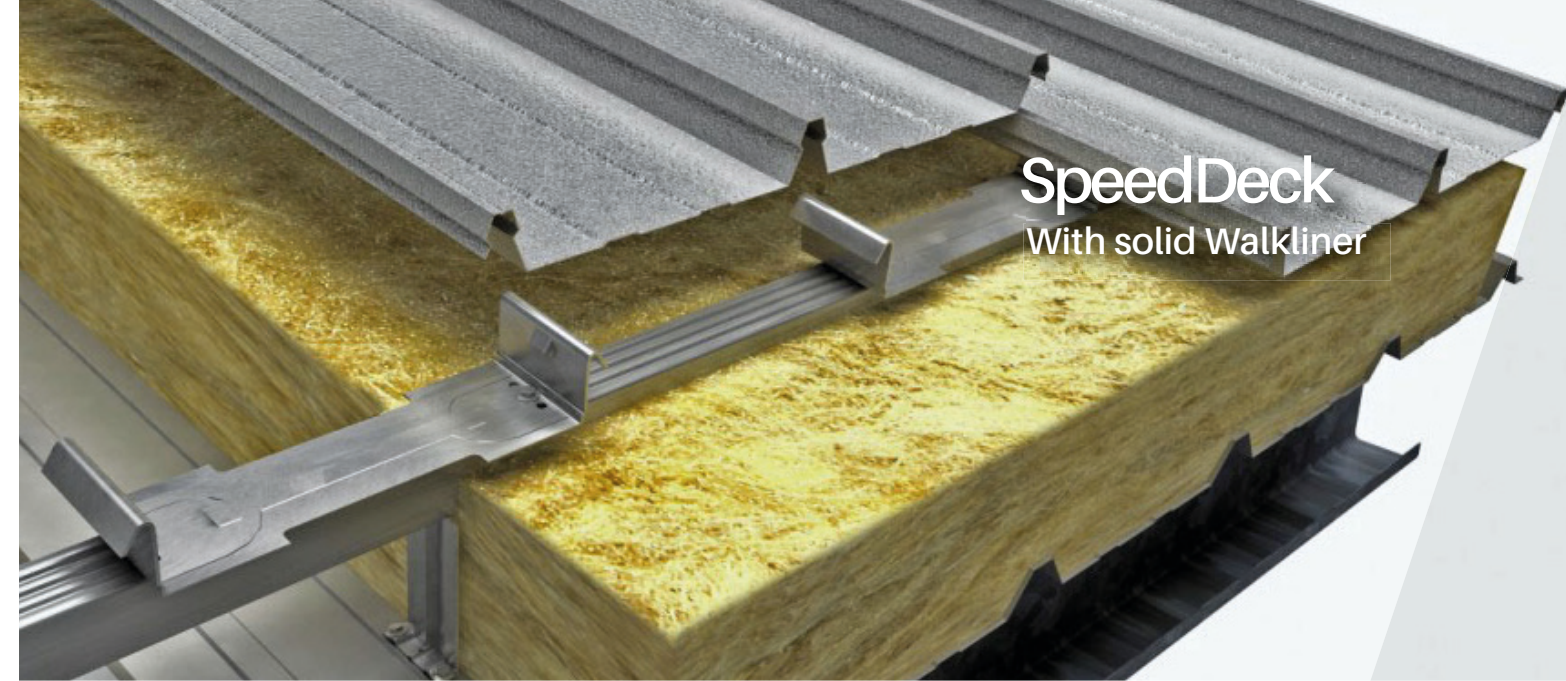
0.25 to 0.1W/m²K

System Build-Ups

Please note:

- The below build ups are based on 1.5m centres, 0.040 Lambda Value Mineral Fibre Insulation, and the VCL membrane as described below.
- The use of 37, 35, or 32 lambda insulation will decrease the depth of the build-up.

SpeedDeck U-Value	0.25	0.20	0.18	0.16
Insulation Quilt Depth (mm)	180	220	250	270
IsoBar Bracket Depth (mm)	180	220	250	270
Fixing Clip Depth (mm)	45	45	45	45
Overall Depth of Construction (mm)	225	275	295	325



SpeedDeck
With solid Walkliner

Walkliner® Data

Profile Descriptions

32mm x 1020mm

Material Available

Steel (Fully walkable)

Finishes	Polyester (Alternative finishes on enquiry)
Gauges	0.70
Colours	Standard & special colours (subject to minimum order)

Aluminium ('StramLiner' Non walkable in aluminium)

Finishes	Plain Mill, Polyester, ARS (PVdf on enquiry)
Gauges	0.40
Colours	Standard & special colours (subject to minimum order)

Fixing Specification

Walk Liner Fixings

Intermediate	1 Nr Fixing into every trough
End Laps	2 Nr Fixing into every trough
Side Laps	No requirement for fixing

Spacer Fixings

IsoBar Brackets	2 Nr Fixing into top hat stool
Fixing clip	2 Nr Fixing into IsoBar rail

Walk Liner Sealants

End Laps	1 Row of 6x5 butyl - Class A
Side Laps	SDSeal - 50 x 1mm jointing tape

Acoustic Data

Sound Reduction

SpeedDeck® 0.9mm Aluminium System > 44dB +
SpeedDeck® 0.7mm Steel System > 48dB +

As per report No. C/21562/RO2 (available upon request)

VCL & Airtightness

Primary VCL

Within our low-humidity non-perforated liner systems the VCL is formed by sealing the Walk Liner as per the above fixing specification.

Results of air leakage tests based on a 50Pa test:-

As per report No. BP 2395/2/IC/99
(available from technical on request)

Side laps	< 0.1m³/hr/lm
End laps	< 0.1m³/hr/lm

If a separate VCL membrane is required please use the following reinforced VCL's:

Low humidity	StramCheck Reinforced Vapour Check (with StramCheck cross linked Butyl Tape) Or StramCheck ATX SELF ADHESIVE Foil Faced
High humidity	StramCheck ATX SELF ADHESIVE Foil Faced

Please note that all high humidity applications require VCL Membranes and reference should be made to the high humidity datasheet 26 or contact Omnis technical department.

Alternatives

Alternative systems available subject to project specific design brief, please contact us to discuss.

SpeedZip[®] : 'Zip Up' Standing Seam
SpeedRoof[®] : Steel Secret Fix Standing Seam

Additional systems supplied to compliment the SpeedDeck[®] Standing Seam System

- Environmental Solutions : Green Roof & PV or Solar Systems[®]
- PP32 : Pierce Fixed Built Up Profiled System for roof and wall applications
- Rainscreens : Range of metal rainscreen systems with associated support systems
- Composite Panels : LPCB approved composite panels for wall applications
- Soffit Systems : Profiled or Flat soffit and fascia planking systems
- Flat to Pitch / Curved conversions systems

System' Building Products

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* Subject to criteria / minimum order quantities etc

Omnis by System reserves the right to make substitutions and modifications to the specifications of any of its products without prior notice. It is the customer's responsibility to ensure that the Company's products are correctly installed and that they are suitable for the customer's particular requirements and application.

The Company undertakes business only upon its standard terms and conditions.

For project specific NBS based specifications, CAD Details, samples or technical assistance please contact our technical department on omnis@systembuildingproducts.com. All information is correct as of the date of this document, created February 2016.