

Flat Roof Decking

Metal Profiled Roof Decking



Bailey's Production Facility, Mallusk.
Tegral Twin-Skin Roofing and Cladding



The Helix, Dublin.
Tegral Roof Decking



Independent News & Media plc.
Tegral Composite Floor Decking



Central Park, Leopardstown, Dublin.
Tegral Composite Floor Decking

Your Authorised Tegral Stockist:
Patrick Lynch Roof Cladding

The largest stockist of
steel roof sheeting and cladding in Ireland

Phone: 064 - 6685411

Phone: 087 - 2543499

Phone: 021 - 4551000

Fax: 064 - 6685596

info@patricklynchroofcladding.com

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Specifications

Health & Safety

Health & Safety reference data sheets for the material used in the manufacturer of Tegral structural roof decking are available on request.

Galvanised Steel

Refer to product Health & Safety data sheet no: 18.

Colorcoat® HPS200 Steel

Refer to product Health & Safety data sheet no: 29.

Colorcoat® Polyester Steel

Refer to product Health & Safety data sheet no: 30.

Aluminium

Refer to product Health & Safety data sheet.

Model Specification

Below is a typical model specification for the construction of a Tegral roof deck system.

Type(s) of Decking

Manufacturer:

Tegral Metal Forming Ltd., Athy, Country Kildare.
Tel: 05986 31619. Fax: 05986 40751.
e-mail: metaltech@tegral.com.

Profile reference:

D19, D32, D35, D46, D60, D100, D159, D210, D135, D150, D165, D200.
If perforated indicate perforation percentage.

Material:

Corus Galvatite:
Hot dip zinc coated steel to
BS EN 10147:1992 Fe F 280g Z275 or
Aluminium to BS EN 458-2.

Nominal thickness/gauge:

0.7mm, 0.75mm, 0.88mm, 0.9mm,
1.0mm, 1.2mm, 1.25mm, 1.5mm.

Soffit finish:

Galvanised, Enamel Finish, Colorcoat® HPS200 Steel or Aluminium.

End laps:

Minimum 50mm, 150mm typical.

Configuration:

Trapezoidal.

Attachment:

Self-drilling, self tapping fasteners or shot fixed pins.

Accessories:

Flashings made to order by Tegral Metal Forming Ltd.

Structure

Check that structure is in a suitable state to receive decking before commencing fixing. Subcontractor must confirm acceptance to Main contractor.

Isolating Tape (if required)

To be recommended by Tegral. Apply to those surface supports which would otherwise be in contact with sheeting or accessories after fixing.

Fire Resistance Profile Fillers (if required)

Provided by Tegral to accurately match deck profile. Length of fillers equal to width of supports unless otherwise specified. Fill every profile above specified supports, bonding into position with adhesive recommended by the profile filler manufacturer.

Attachment

Primary deck fasteners, fix deck to every support with manufacturers recommended number of fasteners per sheet width through trough of profile. Stitch sheets together along all side laps in trough of profile at manufacturers recommended centres. Stitch non standard end laps in one web of each trough. Check tightness of fixing on completion and ensure decking is not buckled or distorted. The method of attachment of the metal decking and accessories must be sufficient to resist the wind loads on the roof when calculated in accordance with B.S. 6399 Part 2 Standard method and B.S. 5427 Part 1.

Fixing Deck Generally

Cut sheets to give clean true lines with no distortion and without damage to any protective coating, remove burrs and any lubricants. Cut openings in the sheet for outlets, pipes, flues, etc. to the minimum size necessary. Reinforce openings where necessary. Drill all holes and remove all swarf, dust and any other foreign matter before placing any membranes or insulation. Protect sheets during fixing and up to practical completion against mechanical damage, corrosion and disfigurement. Rectify any defects as quickly as possible to minimise damage and nuisance. Ensure fixing operation meets regulatory Health and Safety Requirements.

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