



Gemello[®] Revive

WARRANTIED OVER-CLAD SYSTEM



Gemello[®] Revive Warrantied Over-Clad System

www.sigbuildingsolutions.co.uk

**Gemello® Revive from
SIG Building Solutions is a
comprehensive, warrantied
over-cladding system.**



The wide range of external cladding profiles are available in an extensive range of finishes and colours enabling a fresh and clean look to existing buildings.

This design flexibility of the Gemello® Revive system makes it suitable for use on projects across many market sectors including industrial, retail, office, health, education and leisure.

The Gemello® Revive system is now available for over-cladding existing fibre cement profiles, as well as composite panels, single skin and twin skin systems, fixing into both secondary steelwork and a range of existing support structures.

Gemello® Revive systems provide both aesthetic and thermal improvement to your building.

**The Gemello® Revive system
can be tailored to suit the
aesthetic and design requirements
of an existing building.**



The Gemello® Revive profile range includes trapezoidal roof and wall profiles, and a corrugated wall profile.

All new Gemello® Revive outer roof profiles are classed non-fragile to the materials standard in the Advisory Committee for Roof Safety “Red Book” ACR[M]001:2019: 6th Edition.

The improved thermal performance comes from an insulation cavity formed by a galvanised top-hat and engineered bar and bracket spacer system with the void filled using non-combustible mineral or glass fibre insulation.

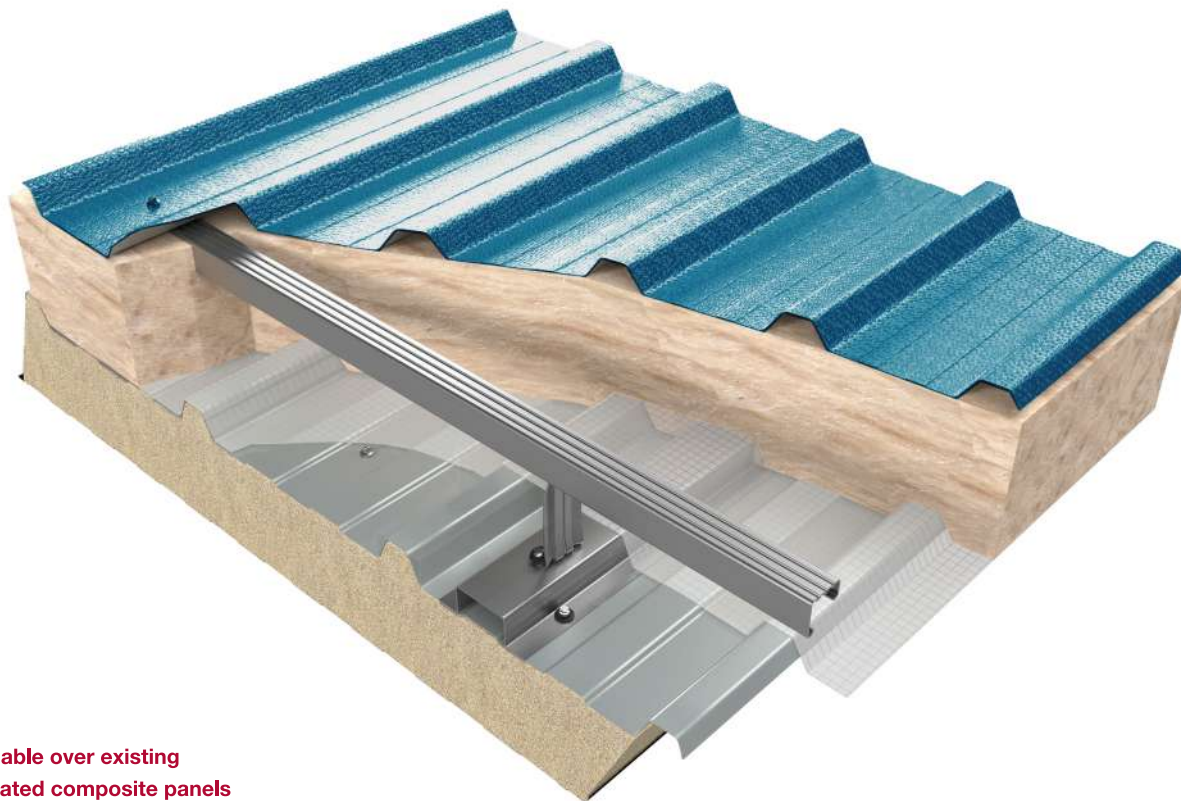
Thermal U-values as low as $0.14 \text{ W/m}^2\text{K}$ are possible, for lower U-values please contact the technical team for further details.

fibre cement



Available over existing
fibre cement profiles

composite



Available over existing
insulated composite panels

single skin



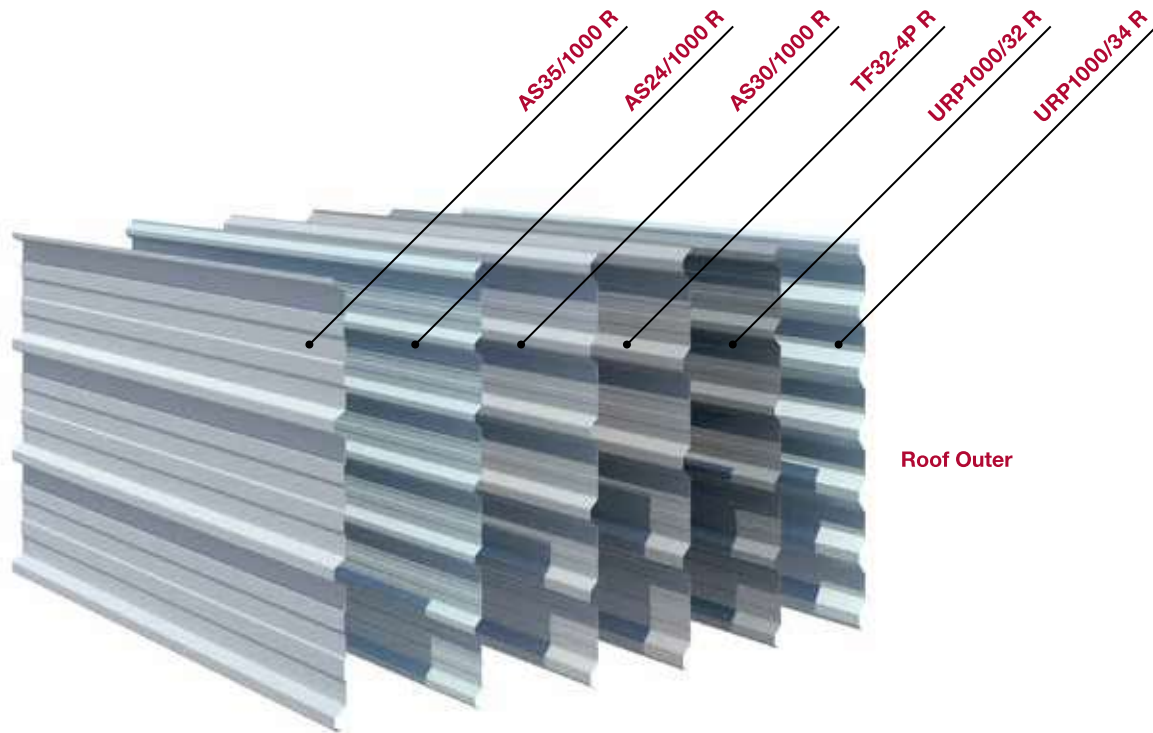
Available over existing
single skin box profile sheets

twin skin

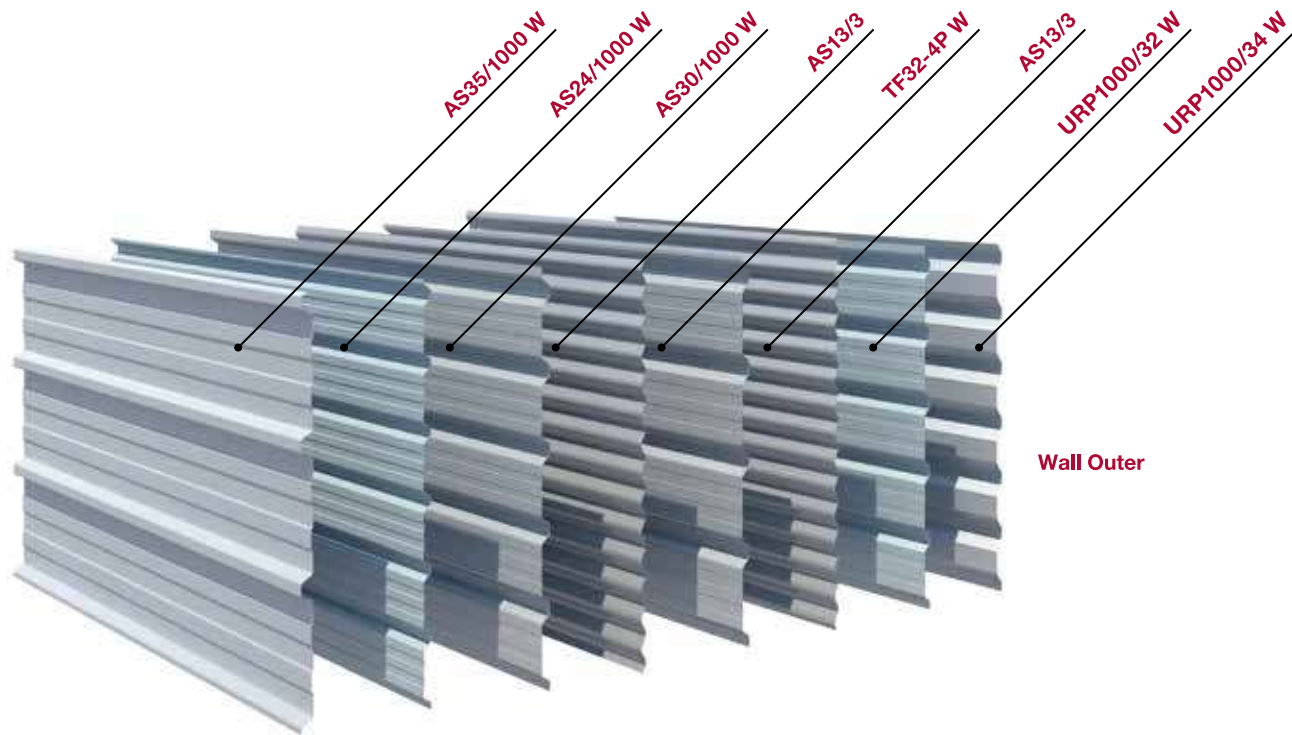


Available over existing
twin skin built up systems

roof profiles



wall profiles



Typical Over-Clad Roof Build-Up: >4°

0.7mm coated galvanised outer sheet

Non-combustible insulation quilt

Bar and bracket spacer system

Vapour control layer

Non-continuous top-hat fixed to existing structure

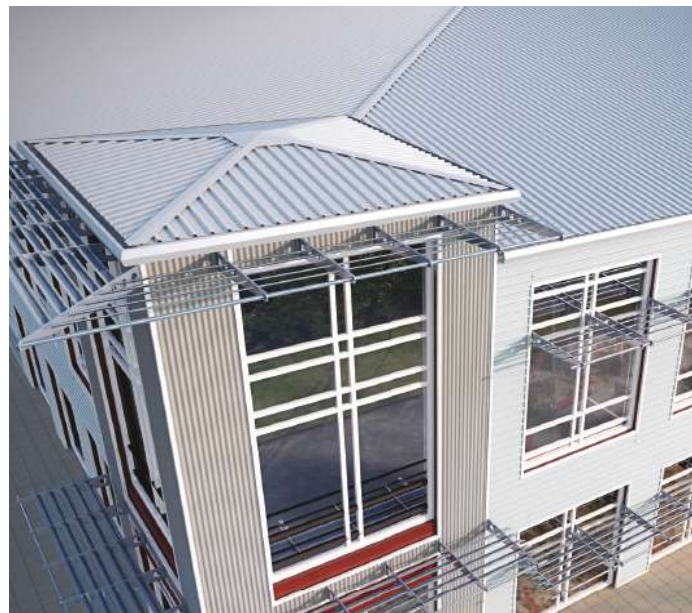
Typical Over-Clad Wall Build-Up:

0.5mm coated galvanised outer sheet

Non-combustible insulation quilt

Bar and bracket spacer system

Non-continuous top-hat fixed to existing structure





Coating	Thickness	Applications
Colorcoat HPS200 Ultra [®]	200µm	Suitable for roofs and walls in severe industrial and coastal/marine environments.
Plastisol Leathergrain	200µm	High performance, durable coating at a competitive price.
Colorcoat Prisma [®]	40-65µm	Suitable for roofs and walls in severe industrial and coastal/marine environments where metallic colours are required.

Coating Warranty

Cladding material	Coating warranty period
Colorcoat HPS200 Ultra ®	Up to 40 years*
Leathergrain Plastisol	Up to 30 years*
Colorcoat Prisma ®	Up to 40 years*

Gemello® Revive System Warranty

Gemello® Revive system	System warranty period	Fixing type
Gemello® Revive 25	Up to 25 years*	A2 (304) Stainless steel

A4 (316) Stainless steel fixings for coastal locations.

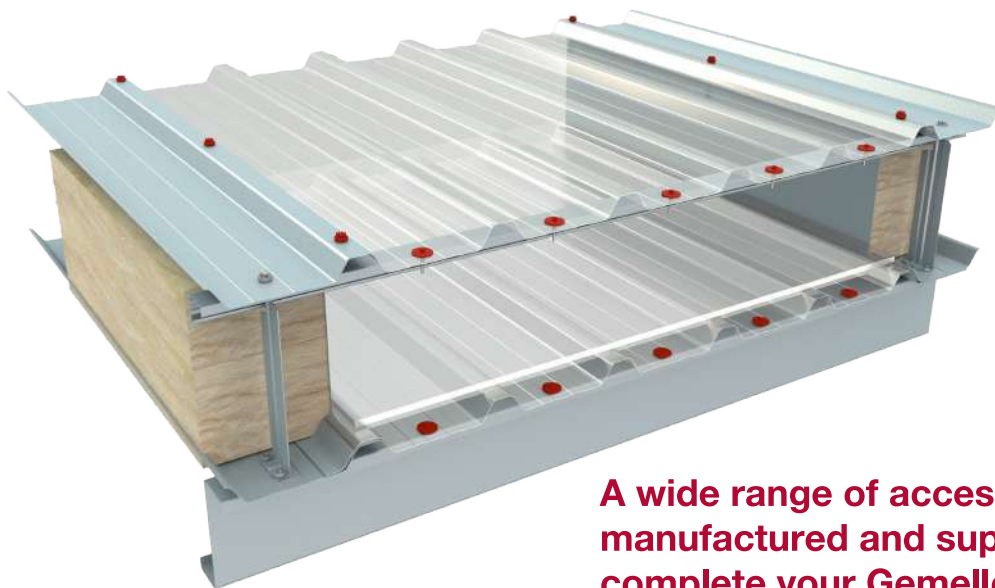
*Subject to site location and conditions.

Typical U-Values

U W/m ² K	λ0.040 W/mK Net insulation depth mm
0.34	140
0.26	160
0.25	180
0.24	180
0.23	200
0.22	200
0.21	200
0.20	220
0.18	240
0.16	260
0.15	280
0.14	300



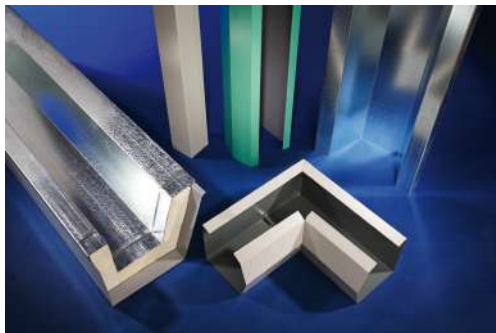
U Value Notes: Based on
1.500m purlin centres, 0.750m
bracket spacing.
Contact Technical for lower U values.



A wide range of accessories are manufactured and supplied to complete your Gemello® Revive over-clad project.

Rooflights

Site assembled in-plane GRP rooflights are available in a range of Gemello® Revive roof profiles, to go over the top of existing rooflights and provide natural daylighting depending on the condition of the existing rooflights.



Gutters

A complete range of gutters and rainwater goods can be manufactured and supplied to meet the specific requirements of an individual project.

Gutters are fabricated in a variety of materials including aluminium, pre-galvanised steel, pre-coated steel with a PVC finish, and membrane lined gutters, to suit the designer's needs.

Insulated membrane lined gutters are available for designs where the gutter form part of the insulated building envelope.

Flashings

Flashings can be manufactured in range of finishes and designs to suit a customer's design.

Fasteners, Fillers and Sealants

All fasteners, spacer systems, sealants and profiled fillers are to be supplied by SIG Building Solutions to comply with the Gemello[®] Revive system guarantee.



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