



ZINC AND COPPER WORKS

BUILT ON **KNOWLEDGE.**
DELIVERED WITH **PRECISION.**
FINISHED TO **PERFECTION.**

BROCHURE CONTENTS



WHO WE ARE

Discover Zinc and Copper Works and how we deliver excellence at every stage.



FULL BUILD-UP DESIGNS

Complete build-up solutions from Cold Ventilated to Warm Insulated Roofs.



CLADDING BUILD-UP DESIGNS

Comprehensive cladding systems and solutions for every project requirement.



STEEL DECK SYSTEMS

Steel deck build-up solutions designed to meet fire regulations and performance standards.



SOLAR INTEGRATION

Seamless solar integration with standing seam systems for long-lasting performance.



MATERIALS & COLOUR RANGE

Our full range of materials, finishes and colours to bring your vision to life.



PROJECT GALLERY

A showcase of completed projects delivered with precision and expertise.



END-TO-END SUPPORT

From project start to finish, we provide technical expertise, support and guidance.



QUICK & COMPETITIVE QUOTATIONS

Quick turnaround quotations and effective budget pricing for architects and clients.



FREE SITE VISITS & TEAMS MEETINGS

Free site visits and online Teams meetings to support your project at every stage.



HELPING HAND BRACKET OVERLAYS

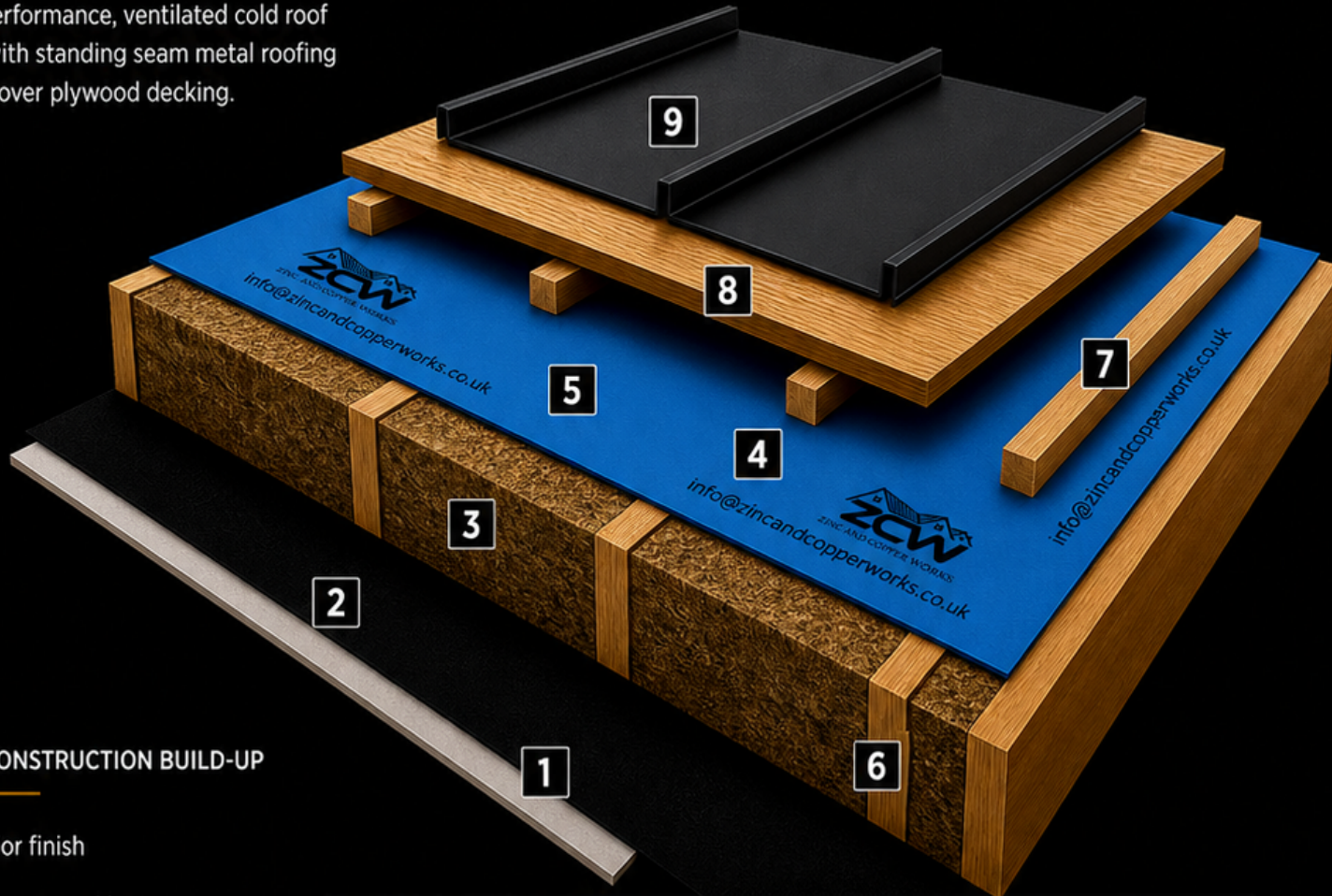
Project specific helping hand bracket overlays and coordination drawings for accurate installation and compliance.



EXPLORE WHAT'S INSIDE.
BUILT TO PERFORM.

STANDING SEAM ON VENTED PLYWOOD

A high performance, ventilated cold roof system with standing seam metal roofing installed over plywood decking.



KEY TO CONSTRUCTION BUILD-UP

- 1 Interior finish
- 2 Vapour control layer
- 3 Insulation
- 4 Breather membrane
- 5 Vented space
- 6 Rafter
- 7 Batten
- 8 Plywood
- 9 Standing seam metal system



ADVANTAGES OF STANDING SEAM ON VENTED PLYWOOD



Provides a continuous rigid deck for the standing seam system



Plywood decking is readily available and widely used



Excellent pull-out resistance



Supports long-term durability and performance

STANDING SEAM ON RIGID INSULATION – STRUCTURAL ROOF

A high performance, structural roof system with standing seam metal roofing installed over rigid insulation.



KEY TO CONSTRUCTION BUILD-UP

- 1 Interior finish
- 2 Rafters
- 3 Continuous support (e.g. steel deck or plywood)
- 4 Continuous, fully supported vapour barrier
- 5 Insulation (e.g. mineral board or PIR)
- 6 Breathable membrane
- 7 Standing seam metal system



ADVANTAGES OF STANDING SEAM ON RIGID INSULATION



Provides a continuous thermal layer over the structure for improved thermal performance



Structural support allows for greater spans and design flexibility



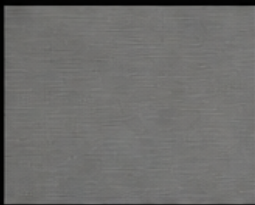
Excellent air tightness and vapour control



High performance system for low energy buildings and long term durability

VMZINC® COLOUR RANGE

A premium range of natural and pre-weathered zinc finishes that combine timeless aesthetics with proven performance and exceptional durability.



QUARTZ-ZINC



PIGMENTO blue



PIGMENTO brown



PIGMENTO storm grey



ANTHRA-ZINC



PIGMENTO red



PIGMENTO grey



Natural Zinc
by VMZINC



AZENGAR



PIGMENTO green



PIGMENTO charcoal blue



Lightweight
and durable



Minimal
expansion and creak



Malleability



Fully
recyclable



Virtually
maintenance-free



BBA certified
systems



Conforms to
EN 988



A service life of 100 years
for roofing panels and in
excess of 50 years for gutters



Can be installed on
pitches from 3°-90°



Complex shapes can
be easily achieved.
Zinc panels can be
pre-curved to a radius
as low as 600mm



Can be used to cover
soffits (box gutter
overhangs, etc)



EN 15804
Environment Product
Declaration



For Roofing can be laid in
lengths up to 13 metres
without the need for
expansion steps



For Facades wide
range of panel types



Fire classification A1
(Natural Zinc, QUARTZ-ZINC,
ANTHRA-ZINC, PIGMENTO,
AZENGAR & VMZINC PLUS)
according to EN 13501-1:2002



Available in a natural finish
or 10 pre-weathered
finishes plus bespoke
PIGMENTO



ORDER YOUR SAMPLES HERE
info@zincandcopperworks.co.uk

Colours are representative only and may vary slightly from the finished product.
Please refer to a physical sample for accurate colour reference.



ZINC AND COPPER WORKS

GREENCOAT®
COLORFUL STEEL

GREENCOAT® PLX COLOUR RANGE

A premium range of long-lasting colours with proven performance and exceptional durability.



Snow White
RR19 / SS001

Approx. RAL 9010



Quarry Grey
RR287 / SS0244

Approx. RAL 7039



Anthracite Grey
RR2H8 / SS0087

Approx. RAL 7016



Mountain Grey
RR23 / SS0036

Approx. RAL 7012



Nordic Night
Black
RR33 / SS0015

Approx. RAL 9002



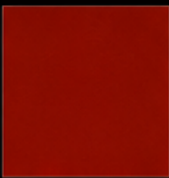
Chestnut Brown
RR887 / SS0435

Approx. RAL 8015



Cottage Red
RR29 / SS0758

Approx. RAL 3009



Tile Red
RR750 / SS0760

Approx. RAL 6004



Silver Fir Green
RR5J3 / SS0975

Approx. RAL 6021



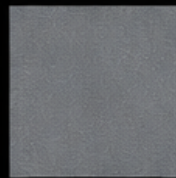
Leaf Green
RR594 / SS0874

Approx. RAL 6002



Metallic Silver
RR40 / SS0045

Approx. RAL 9006



Metallic Dark
Silver
RR41 / SS0044

Approx. RAL 9007



Metallic Gold
RR42 / SS----

Approx. RAL 1035*



Metallic Copper
RR979 / SS0778

Approx. RAL 8003

*RAL 1035 (Pearl Beige) is the closest visual approximation.

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GreenCoat® PLX is a specially softened foldable steel



Malleable, easy to form with no spring back



350g/m² zinc protective layer



Can be easily soft soldered



-15°C

It is workable down to -15°C



GreenCoat® eco-friendly bio based coating with rapeseed oil



UV Radiation resistance Ruv5



Corrosion resistance RC5+



It has a lower thermal expansion than other metals



Film coated for protection during installation



Extensively tested in the harshest environments



50 years technical and 25 year aesthetic warranty



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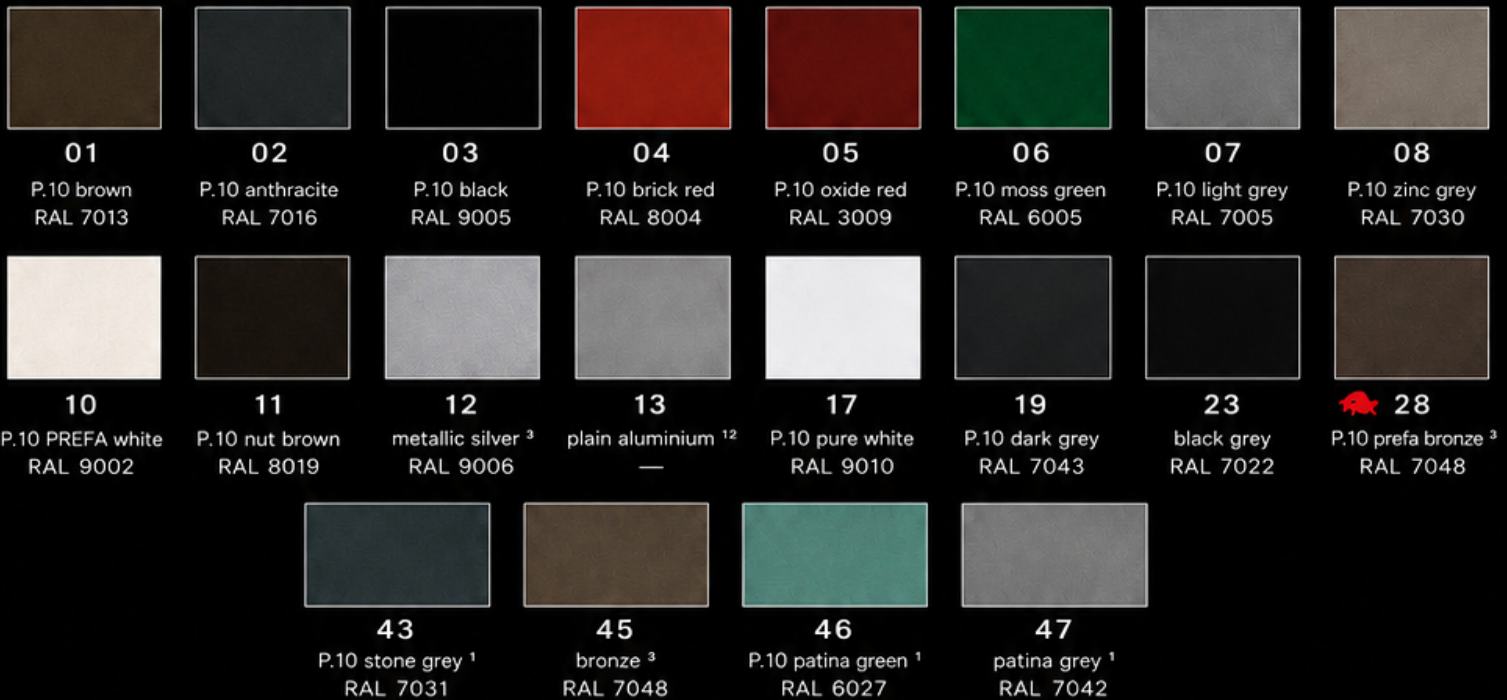
AS STRONG AS A BULL

ROOF • FACADE • SOLAR

PREFA COLOUR RANGE

PREFA's extensive range of colours includes numerous P.10-quality colours and many other standard colours.

The wide range of shades offers architects, builders, restorers, planners and master builders countless possibilities for creating beautiful, high-quality roof coverings and façades.



All colours are representative only. Please refer to a physical sample for accurate colour reference.



LOW WEIGHT

A PREFA aluminium roof weighs only a fraction of the weight of a heavy tile roof.



STORM-PROOF

Storm-proof, break-proof, robust, durable – PREFA aluminium roofs and façades won't let any storm knock them down.



LONG DURABILITY

Aluminium reacts with oxygen in the air to form a natural oxide layer. This layer provides excellent corrosion protection and is therefore rust-proof.



ENVIRONMENTALLY FRIENDLY

From an ecological perspective, aluminium is an ideal choice of material for new buildings and renovations.



INDIVIDUAL DESIGN POSSIBILITIES

Aluminium is extremely versatile and leaves nothing to be desired in terms of surface design.



COST EFFECTIVE

Long service life, low maintenance and high durability make PREFA a cost effective choice.



PREMIUM QUALITY

Manufactured to the highest standards, using premium materials for lasting performance and timeless beauty.



UP TO 40-YEAR GUARANTEE

PREFA products are manufactured by upmost standards and guaranteed to last up to 40 years.



EXCEPTIONAL DURABILITY

Aluminium is rust-resistant, unbreakable, and withstands even extreme storm-force winds and offers reliable protection thanks to its stability.



SOLAR SOLUTIONS

The long-lasting PREFA solar system (solar panel substructure) enables you to generate your own electricity.



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PREMIUM COATED ALUMINIUM FOR STANDING SEAM ROOFING AND CLADDING