

RHEINZINK GmbH & Co.KG Datteln – Office U.K.



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CPD Overview

RHEINZINK GmbH.Co KG is the world's leading producer of titanium zinc “made in Germany” and your premium partner for roofing, facades and roof drainage.

Founded in 1966, Rheinzink operates in 30 countries supplying Zinc sheets, strips, tiles and panel profiles for roofing and cladding along with prefabricated roof drainage and rainwater systems.

Rheinzink understands zinc and how best it can be used, and, as the only manufacturer with a patented pre-weathering process.

Their prePATINA surfaces are produced using state of the art techniques.

The product range includes several finishes:

Classic (Bright Rolled Zinc)

prePatina (Pre Weathered (patinated) surface in Blue Grey and Graphite Grey)

Grannum (Dark Zinc (Basalte) or Lighter (Sky Grey))

Prismo (Coloured Zinc in several shaded)

Art Color (Coated Zinc)

ECOLOGY / SUSTAINABILITY

Zinc requires less energy to smelt / produce than comparable materials. The product is extremely long-lasting and virtually maintenance free and can be infinitely recycled.

Eco Zinc from Rheinzink is produced by renewal energy resulting in a 50% reduction in CO2 production.

It is easy and cost effective to recycle after the useful life of a building as it is recycled without additional production requirements such as paint removal or separation of composite materials and it can be 100% recycled with low primary and secondary energy requirements, causes minimal CO2 emissions during production and is therefore a heavyweight amongst construction metals.

Zinc is not only recyclable but infinitely so and will not become landfill.

Certified with, LEED, BRE, Cradle to Cradle

DIN ISO 14025 Type III, EMS ISO 14001

DWG. BIM files, Brochures, case studies are available for download for details for:

Angled Standing Seam, Double Standing Seam,

Double Standing Seam (roof).

Angled Standing Seam (roof).

Flat Lock Tile (roof).

Batten Roll (roof).

Angled Standing Seam (façade).

Flat Lock Tile (façade).

Horizontal Panel (façade).

Reveal Panel (façade).

Perforated and Bespoke panels

As well as for individual details, such dormer windows, eaves, hips valleys and soffits etc.

Looking for assistance on how to use Zinc material? Rheinzink pride themselves on customer service and support assisting architects with design ideas from the beginning of your project to the end.



Available CPD Material (2)



Zinc - Designing with a Living Material

The CPD presentation covers the key factors when considering zinc as a roof or facade cladding option. Starting with fundamental material properties, sustainability, technical and design requirements, through to aesthetic and detailing, including:

- The environmental benefits of zinc
- Design Options
- Material Finish Options
- How the materials will evolve over their design life
- Possible constructions and technical considerations
- Options for standing seam, facades panel and flat lock tile systems
- As well as for individual details, such as dormer windows, eaves, hips valleys and soffits etc.
- Innovative ideas for bespoke systems.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



NLU - Zinc The Living Material

Company Introduction

- The History of Zinc
- Production process
- Standard zinc known as Patina Line
- Properties of zinc and patination explanation
- Roofing systems
- Facade systems
- Rainwater goods and accessories
- Sustainability
- Product lines

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology

Knowledge level:

General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Finishes

Finishes > Metal panels, sheets

Wall finishes: external > Wall cladding panels

Roof finishes > Sheet roof claddings

General products

Malleable sheet metal > Sheet metal

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*