

Product & Technical Data Sheet

The Oxide Range of rust-effect finishes is a multi-stage fusion process designed to capture rust and oxidised steel effects. Unlike Corten, our Oxide Range of rust-effect finishes can be used in an external environment without the risk of staining or premature corrosion. They are the perfect low maintenance alternative to Corten, providing a stunning and authentic, rust-effect finish. An ideal choice for architectural, landscaping and a range of external and internal projects.

Suitable for Architectural Metalwork

- Aluminium
- Mild Steel
- Stainless Steel
- Cast Metals
- Galvanised and Zinc Coated Substrates
- Qualizinc Arc Metal Spray

Properties & Finish Characteristics

- Available in three main finishes: Rust Light, Rust Medium and Rust Heavy
- No rust run-off/bleed issues
- Zero risk of staining clothing or paving areas
- Instant sealed rust finish
- Chemically stable and totally inert
- No damage, weakening or physical corrosion to the substrate
- No time lost waiting for oxidation
- Instant historical value
- Environments: C1, C2, C3, C4 and C5
- Gloss level - Matt (0 - 30 GU)

Advantages over Corten

- No weight issues
- No waiting for oxidation
- No sealing coat required
- No bleed or run-off onto stonework
- Ease of installation

Durability & Weather Resistance Performance

- Good resistance to scratches and markings and easy to clean
- Durable exterior grade
- Excellent weather resistance - Accelerate Weathering - Tested to ISO 16474-2
- Acetic / Neutral salt spray resistance - ISO 9227 - Passed 1,000 hrs
- Adhesion - Achieved the ultimate Class 0 in accordance with ISO 2409
- Good resistance to acid, alkalis and oil at ambient temperatures
- Durability of up to 40+ years depending on environment, pre-treatment system and cleaning
- Warranty - Up to 30 years

Fire Rating



- All Oxide finishes are available in Fire Rated versions (Rated to A2-s1,d0) on prior request

Repair & Maintenance

- Simple and easy to clean with pH neutral water and soft cloth or sponge
- Damage repair systems available for onsite application

Environment

- Oxide offers several environmental benefits within the parameters of ISO 14001 Environmental Management System:
- **Low VOC Emissions:** Oxide finishes emit minimal volatile organic compounds (VOCs) into the air
- **Minimal Waste Generation:** Oxide finishes minimise waste because they don't involve solvents
- **Elimination of Hazardous Substances:** Oxide finishes do not require hazardous air pollutants (HAPs)
- **Enhanced Durability:** Oxide-finished surfaces are highly durable, reducing the need for frequent repair and fewer resources required over time
- **Promotes Sustainability:** Oxide-finished products are more sustainable due to their durability, reducing the demand for new raw materials



Rust Light



Rust Medium



Rust Heavy

PDS/OxideRust/V013