

# elZinc Slate®

**elZinc Slate®** is a matt light grey rolled zinc with a very similar appearance to naturally weathered zinc.

The pre-weathering process uses a non-polluting phosphate treatment which gives it a uniform appearance that would have only developed naturally after a considerable period of exposure to the weather. **elZinc Slate®** is especially recommended for façades and soffits, where bright rolled zinc takes longer to naturally develop its patina.

**elZinc Slate®** clearly has applications in restoration and renovation work since its pre-weathering allows it to blend in very well with the existing zinc.

**elZinc Slate®** is produced according to the European Standards EN1179 and EN988, with a chemical composition similar to that of elZinc® Natural. Electrolytic zinc with a purity in excess of 99.995% zinc is used, to which small and tightly controlled quantities of copper and titanium are added to produce an alloy whose properties better the requirements stipulated in EN 988. These properties are unaffected by the pre-weathering treatment.

#### Main applications:

- Roofing
- Façades
- Soffits
- Interior decoration
- Rainwater systems

#### Specific recommendations for elZinc Slate®:

- Remove the protective film applied to each roll or sheet soon after installation.
- Most of the processes required for roofing and cladding can be carried out once the temperature of the zinc reaches 7°C (profiling and seaming) – please consult our technical manuals for more detail).
- In order to adequately solder the material the surface must be mechanically stripped until the natural base zinc is visible.

For more information about the correct application of the **elZinc Slate®** product, consult our technical manuals.

#### Standard supply dimensions:

Widths: 500 - 600 - 650 -670- 1000 mm  
Thicknesses: 0.65 – 0.70 – 0.80 – 1.0 mm

#### Delivery formats:

1000 kg coils  
Fixed length small coils (ca. 100kgs on pallets of six rolls)  
Sheets (2000 x 1000 mm) in pallets of 1000 kg  
*Other formats are available on request.*

*This document only describes the characteristics of elZinc Slate®, and it is the responsibility of construction professionals to check that other materials and techniques used on the project are compatible with this material.*

