

Combining the innovative FR Nu-core® composite core technology with superior Zinc materials from Spain

Nu-core® elZinc Slate® Composite Panel

Nu-core® 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. **Nu-core® elZinc Slate®** is especially recommended for facades and soffits, where bright rolled zinc takes longer to naturally develop its patina.

Nu-core® 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.

Nu-core® elZinc Slate® is produced according to the European Standards EN1179 and EN988, with a chemical composition similar to that of Nu-core® 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:

- Facades
- Soffits
- Interior decoration

Specific recommendations for Nu-core® elZinc Slate®:

- Remove the protective film applied to each sheet soon after installation.

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

Standard supply dimensions:

Widths: 500 - 600 - 650 - 670 - 1000 mm

Thicknesses: 3 mm, 4 mm, 5 mm, 6 mm, 8 mm

Delivery formats:

Maximum width: 1000 mm (*)

Standard length: 2000 mm – 3000 – 4000 mm

Length on request: Up to 6000 mm

Thickness of zinc: 0.65 mm

Core: Mineral-rich polyethylene (FR) (Fire Retardancy)

Total thickness: 4 mm

Density of composite: 12 kg/m²

This document only describes the characteristics of Nu-core® 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.

