

# elZinc

## PROTECT+



*elZinc Protect+®: the ideal solution for substrates incompatible with zinc.*

elZinc Protect+® is a rolled zinc-titanium alloy produced according to the European Standards EN1179 and EN988 and American Standard ASTM B-69, which is then coated on its backside surface by a protective layer of 60 microns.

This protective white layer allows the zinc to be installed over otherwise incompatible substrates, avoiding its corrosion.

### Main application

- Installation on incompatible substrates.
- Installation on roofs which require a greater level of protection against underside corrosion of the zinc.

### Standard measurements

- Widths: 500 - 600 - 650 - 670 - 1000mm
- Thicknesses: 0,7 - 0,8 mm
- Other dimensions are available upon request

### Formats

- 1000 kg coils
- Fixed length 100 kg coils (pallets of 6 300 mm internal diameter coils)
- Sheets 2000x1000 mm in pallets of 1000 kg
- Other dimensions and thicknesses are available upon request.

### Range of finishes:

Available in all elZinc aesthetic finishes.

### Reaction to fire test

A1

### Specific working recommendations

- elZinc Protect+ must be installed on a breathable membrane, and appropriate measures must be taken to ensure that water vapor generated inside the building does not reach the lower surface of the zinc.
- In vented designs, proper ventilation of the roof must be ensured.
- In non-vented designs an effective vapor barrier must be installed on the warm side of the insulation.
- In order to correctly solder the material, the surface finish must be removed to reveal the shiny base metal below. To do this, elZinc recommends elZinc Flux, which has been specially developed for this purpose.
- Fold the material with an internal radius of 3x the thickness of the zinc.
- Most folding and profiling operations can be executed once the material temperature has reached 10°C

For more information, contact us or visit our webpage [www.elzinc.es](http://www.elzinc.es).