

## SPECIFICATION GUIDE - SHEET METAL

Sheet metals are supplied where flat, smooth metal surfaces are required. Sheet Metals can be supplied raw, polished, coloured (Spectrum) or aged with one of our specially developed patina processes, then either sealed to maintain a stable finish, or left unsealed to allow the metal to age and tarnish naturally according to its environment.

As sheet metals are available in a range of types, colours and ageing effects it is best to specify as follows.

Manufacturer: Axolotl

Metal type: Zinc / brass / copper / aluminium (Spectrum) / corten (Rust only)

Thickness: 0.7mm (zinc only) / 1mm / 1.2mm / 1.6mm / 2mm / 2.5mm / 3mm

Ageing:

Copper or brass: Brown Florentine / Florentine / Pearl Patina / Verdigris Patina / Tarnish, raw or N/A \*

Zinc: Armor / Charred / Ember / Habitat / Midnight / Nebula

Spectrum Colour: Pantone colour reference or as per swatch label

Effect: Laser cut / fold / wrap (zinc only) / etch design

Topcoat: Semi-gloss / Gloss / Lacquer (interior applications only) / N/A - Tarnish

As an example for a Copper Brown Florentine sheet metal with a custom etched logo you would write:

Manufacturer: Axolotl

Product: Sheet Metal

Substrate: Copper

Thickness: 2mm

Ageing: Brown Florentine

Surface effect: Etched Logo

Topcoat: Semi gloss

It is best if you can include a clear image of the sample or photo you are referencing in your specification as well as any artwork you require.

Please also include clear drawings showing the final sheet sizes required (taking into account sheet size and laser cutting tolerances), outline any folds, or in the case of Zinc, which faces are to be wrapped.

All samples we send out should be labelled with the substrate type, ageing, topcoat and surface effect if any.

We try to keep all photo's online labelled with this same system, however if you come across something you can't decipher please contact us and we will explain the process, or include the photo in your specification package.

## DESIGN NOTE

Sheet metals are only available in standard sizes:

- Brass and copper has a standard sheet size of 1800mm x 900mm, in thicknesses ranging from 1-3mm.  
Larger sheets in brass and copper can occasionally be available in thicknesses above 1.6mm.
- Zinc sheet metal comes in a typical sheet size of 1000 x 3000mm and is only available in 0.7mm thick.

Axolotl's supply capabilities for brass, copper, and corten include laser cutting, and brake press folding. We do not offer a service to weld or to adhere the sheet metals to the backing substrates.

Axolotl's supply capabilities for zinc sheet metal includes guillotine cutting, laser cutting and the wrapping of supplied panels. Clear details on the shapes and sizes of panels to be wrapped must be provided before delivery, allowing us to formally quote and confirm suitability of the panel size first.

All shapes that are to be laser cut must have a 10mm margin within the full size sheet i.e a 900 x 1800mm metal sheet can cut a shape at a maximum size of 880mm x 1780mm.

The Spectrum process can only be achieved onto flat aluminium panels up to 1400 x 2400mm in size.