

## AXOLOTL APPLIED METAL or SHEET METAL?

### 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.

By using a sheet metal substrate, bespoke artwork can be etched into the surface, creating truly one off masterpieces. Applications include internal and external applications such as facades, feature-walls, counters, screens, and any other application that requires a sheet metal cladding.

Our sheet metal range includes brass, copper, zinc, aluminium, and corten. When treated with our Brown Florentine Patina, brass can be aged to emulate a bronze appearance.

Sheet metals are 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, aluminium, and corten include laser cutting, and brake press folding. We do not offer a service 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 panels up to 1400 x 2400mm in size.

### AXOLOTL METAL or APPLIED METAL

Axolotl's Applied Metal is a spray-applied liquid metal that can be bonded onto most base materials across virtually any size and shape, including onto compound curves and three-dimensional shapes. As our coating process uses real semi-precious metals, once applied the surface can be treated as though solid and can be burnished, finished and aged with patinas like any solid metal.

Any texture on the surface of the substrate will read as the metal surface, once coated. This can be used for dramatic effect, and explored through our use of 3D printing, to build custom embossed surface patterns. Specialty techniques in the spray application process can also be used to create a genuine cast metal surface design, which when combined with ageing patinas creates a true cast metal surface.

This innovative approach to producing metal-coated surfaces allows endless customisation and a truly unique finished product.

Metals in the range include aluminium, brass, armory brass, copper, sentinel copper, bronze, gold bronze, treasury bronze, nickel, gold nickel, silver nickel, zinc, anthra zinc, pewter, graphite, stainless steel and iron.

Through exploitation of iron's unique ability to oxidize, we have developed a range of rust surfaces, that give a striking industrial feel, and which will not further deteriorate, leaving the substrate structurally sound.

Uses of applied metal finishes can include internal and external applications such as doors, garage doors, feature walls, counters, kitchens, screens, facades, signage, kitchens, lighting, sculpture, awards, lift interiors and lift doors, planters and more.

Axolotl's metal coating process enables a seamless finish, even across fixed adjoining or laminated panels, thus offering a greater flexibility to create a real metal surface finish when compared to the sheet metal substrate.