

## Slat colours













Colourbond Surfmist





Scintillating Champagne

## Each evaya Rolled Edge Aluminium Slat is:

- Reinforced with copper free aluminium alloy to provide added strength and flexibility.
- 0.45 mm gauge, chemically pre-treated and stove enamelled.
- Roll Formed and Machined on our premises utilising the most advanced technology and operating systems.
- Scratch. shock and corrosion resistant.
- Available in a range of Standard Colours and Project Specific Alternatives.
- Custom Colours available upon request.

Precision machining punches and draws holes along the length of the slats to allow the passage and fastening of ladderbraids, Hagofixing, Texband Lifting tapes and coated stainless steel wire guides, where required.

Omega Punching, a process by which a horse shoe shaped cleft is produced at various intervals along the length of the slat, ensures correct spacing between the louvres. This facilitates both the incremental adjustment of blade angles and closure, while at the same time enhancing wind stability.

As with any colour sample or swatch, this brochure is a representation of the evaya 80C and 93D Colour Range and is meant as a guide only. Every effort has been made to present these colours as accurately as possible and as closely as modern printing processes allow. Please note that appearance may vary according to light source.

Where accuracy is vital a section of slat can be requested to confirm selection and colour match.

Please feel free to discuss alternatives with one of our representatives who will be more than happy to help you with your selection.

## Nano Technology

We are fortunate to be one of the few companies globally to have unique access to titanium dioxide (TiO2) photocatalytic coil coating nano technology. Under the effect of sunlight the TiO2 acts as a catalyst and causes the decomposition of organic dirt particles.

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Over time organic substances and other environmental contaminants deposit on surfaces, to which dirt and dust particles can then easily adhere. With the photocatalytically active coating, organic substances are decomposed under irradiation by UV(A) light and transformed into carbon dioxide and water. Non-organic dirt particles adhering to coated surfaces are thus minimized.

Indirect sunlight and limited moisture are sufficient to activate the self-cleaning process. The TIO2 coating has a selfcleaning effect even on surfaces which are not directly exposed to rain. Once the coating has been activated the surface becomes hydrophyllic (attracts water). The water is then distributed evenly over the surface in a thin film. As a result the coating dries very quickly without leaving any drop marks.

The titanium dioxide contained in the coating not only contributes to cleaning the surface, but is also capable of eliminating harmful substances from the air we breathe. TiO<sup>2</sup> is a semiconductor. UV light generates electrons on the surface, which then form oxygen radicals. Oxygen radicals break down many harmful pollutants in the air, such as nitrogen into harmless nitrate, volatile organic compounds into CO2 and water, and ozone into oxygen.

## Eco-friendly and sustainable

Titanium dioxide is completely safe and environmentally friendly. The photocatalytic process is continuous, remains undiminished by UV light and does not release nanoparticles. It's use and processing is completely harmless.