



Solano[®] Nature

Pure and robust, as required by nature

Solano[®] Nature is a robust, flexible and corrosion resistant organic coated steel specifically developed for roof and wall cladding applications in demanding environments, including industrial and coastal.

Solano[®] Nature is a phthalate-free, chromate-free and heavy metal-free paint system of 200 µm, combined with a hot dip galvanised or galfan substrate.

Solano Nature is free of chromates and heavy metals

Many plastisol organic coated steel can be found on the market, but only Solano[®] Nature is able to provide a full chromate and heavy metal free solution, combining a high performing paint and a galvanised or galfan substrate.



An extended range of applications

Solano[®] Nature is the right choice to protect the envelopes of buildings erected in continental and oceanic Europe. It can be processed by bending, cold roll forming and deep drawing without damaging the surface. It can also be assembled with joining techniques such as clinching, riveting and adhesive bonding. The thermoplastic paints provide high surface robustness and ease of handling during envelope construction.

Characteristics (full information on product datasheet)

| | |
|--|---|
| Organic coating thickness | 200 µm |
| Metallic coating weight g/m ² | N: Z225, ZA200 NS: Z275, ZA255 NX: ZA 265 |
| RC resistance category | RC5 |
| UV resistance category | RUV3 |
| Resistance to cracking (T-bend) | ≤ 1.5T |
| Salt spray test (SST) | 1000 hours |
| Guarantee | On request |



Excellent corrosion resistance

Solano[®] Nature is supplied on a special metallic coated protective substrate that provides superior corrosion resistance, even on cut edges. Galfan coating substrate (ZA 265 g/sqm) provides the best corrosion resistance.

free of chromates

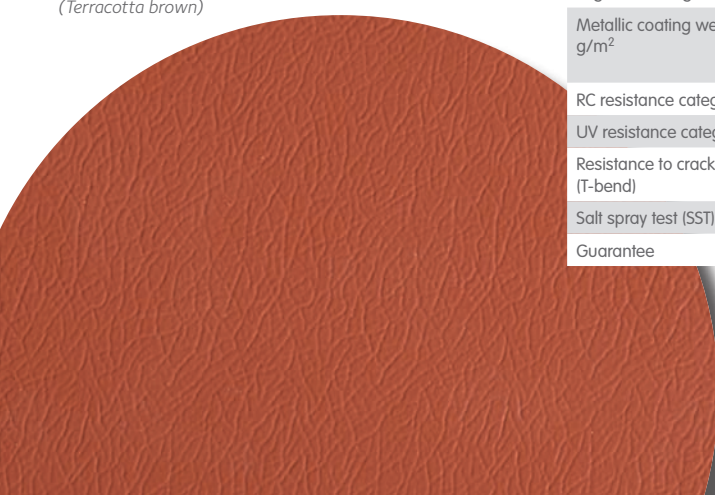
Inspired by Nature

and heavy metals

Advantages

- Robust 200 µm organic coating
- Excellent corrosion resistance
- Highly flexible
- Leathergrain pattern
- Free of chromates and heavy metals

The leathergrain finish of Solano[®] Nature (Terracotta brown)



Morrisons Supermarkets distribution centre in Bridgewater, UK
Architect: © DLA Architecture
System provided by Kingspan
Photography: © Richard Seymour

Durable aesthetics

Solano® **Nature** uses state-of-the-art thermoplastic paint technology with improved UV resistance.

It has been repeatedly exposed to natural weathering elements – e.g. light, water and temperature. These tests have proven its suitability for most of continental and oceanic Europe areas (defined as zone 1).

Solano® **Nature** fully complies with European RUV3 classification (European standard EN 10169/2) with regards to UV radiation.



Colour palette

21 colours are available in the palette, regrouped in four different categories. Robustness and luxury design are assured by the embossed pattern.

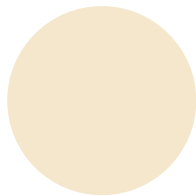
Category 1



Bright white
N9209



Grey white
N9329

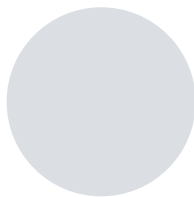


Light ivory
N1382

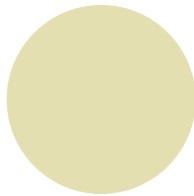
Category 2



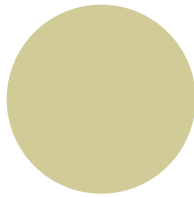
Goosewing grey
N7954



Gull grey
N7970

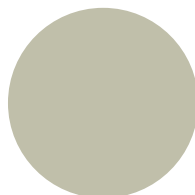


Mushroom grey
N7425

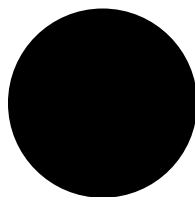


Moorland green
N6544

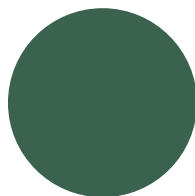
Category 3



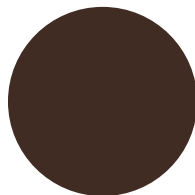
Merlin grey
N7964



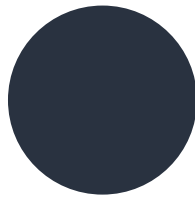
Jet black
N9801



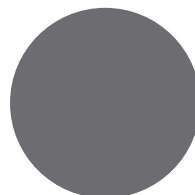
Dark green
N6115



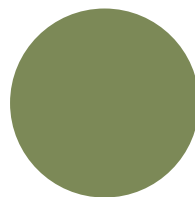
Van Dyke brown
N8711



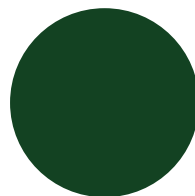
Slate blue
N5408



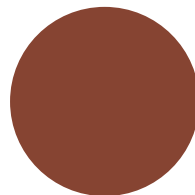
Anthracite grey
N7531



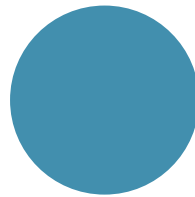
Olive green
N6567



Juniper green
N6552

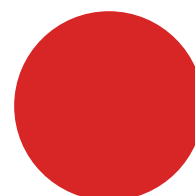


Chocolate brown
N8644

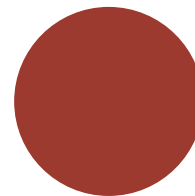


Ocean blue
N5253

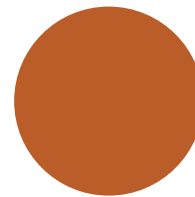
Category 4



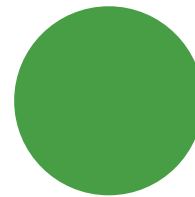
Poppy red
N3314



Copper beech
N8710



Terracotta brown
N8290



Leaf green
N6530

Inspired by Nature
free of chromates
and heavy metals

NB: Although we have taken great care to reproduce the colours in this palette, we cannot guarantee that they are a perfect representation. Consequently, these printed colours can only serve as a guide. For samples you can see and feel, please contact our local account manager.

Credits

Images: Zacarias Pereira da Mata/Shutterstock.com, Philippe Vandenameele.

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