

# 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 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 substrate.



free of chromates  
Nspired by Nature  
and heavy metals

## Advantages

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

## 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 <sup>2</sup>	N: Z225 NS: Z275 NX: Z275
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.

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

17 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

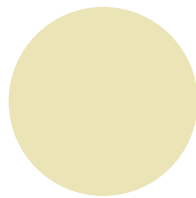
### Category 2



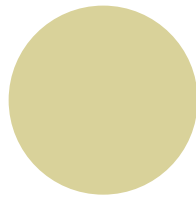
Goosewing grey  
N7954



Gull grey  
N7970

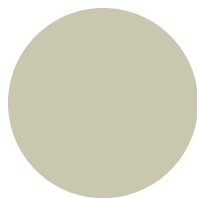


Mushroom grey  
N7425

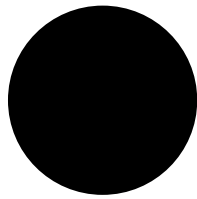


Moorland green  
N6544

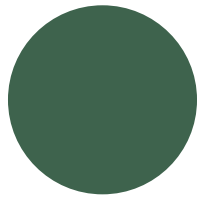
### Category 3



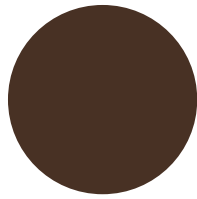
Merlin grey  
N7964



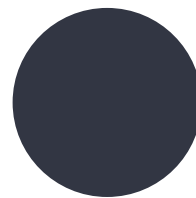
Jet black  
N9801



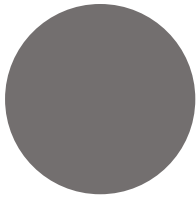
Dark green  
N6115



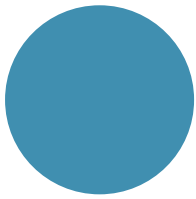
Van Dyke brown  
N8711



Slate blue  
N5408

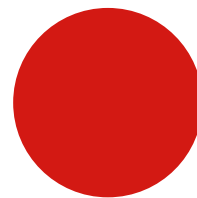


Anthracite grey  
N7531

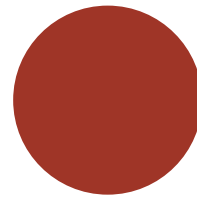


Ocean blue  
N5253

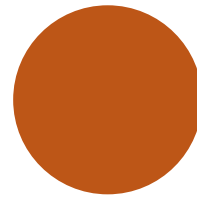
### Category 4



Poppy red  
N3314



Copper beech  
N8710



Terracotta brown  
N8290

*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.*

free of chromates  
**Inspired by Nature**  
and heavy metals

## Any questions?

Ask them via our contact form on  
[industry.arcelormittal.com/getintouch](https://industry.arcelormittal.com/getintouch)



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