



**ARPANEL**

STYLE. QUALITY. FUNCTION.

# ARPANEL AESTHETICS Sandwich Panels

Guaranteed colour for years!

# ARPANEL AESTHETICS

## PREMIUM LINE

are sandwich panels manufactured with the use of Colorcoat Prisma® by Tata Steel used as the external facing, which are produced with the greatest care to meet the highest requirements of customers. We try to get the best product quality and provide a product with an enhanced and wider colour range and different finishes.

The ARPANEL AESTHETICS sandwich panels are products that combines aesthetics, elegance, and durability. The sandwich panel with Colorcoat Prisma® by Tata Steel is manufactured in such a way to meet the highest ecological standards.

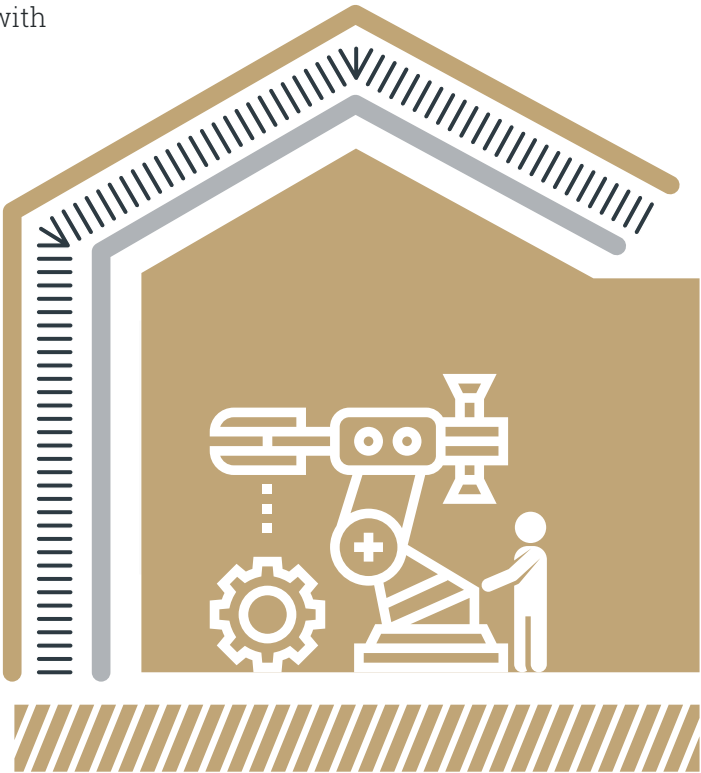


Exterior facing of ARPANEL sandwich panels with **Colorcoat Prisma® pre-finished steel**.

Insulation core of ARPANEL sandwich panels (**PUR, PIR, or MiWo**)

Interior facing of ARPANEL sandwich panels with **PE polyester coating**

Non-aggressive environment



\*for more details on the 40-year guarantee see page 5 and the manufacturer's website



The ARPANEL AESTHETICS sandwich panels are mainly applied to walls and roofs of:

- Commercial buildings
- Retail buildings
- Warehouses
- Production floors
- Public sector buildings

OF ENHANCED AESTHETICS

# Characteristics of the ARPANEL AESTHETICS sandwich panels

with Colorcoat Prisma® by Tata Steel pre-finished steel

Typical properties of <b>ARPANEL AESTHETICS</b> sandwich panels with <b>Colorcoat Prisma®</b>			Test acc. to standard
Nominal organic coating thickness			
Solids	(µm)*	65	EN 13523-1
Metallics			
Matts			
Elements		40	
Corrosion and UV resistance			
Corrosion resistance - Salt spray (fog)	(h)	1000	EN 13523-8
Corrosion resistance - Humidity		1500	EN 13523-26
Corrosion resistance category		RC5, CPI5	EN 10169:2015
UV resistance category		Ruv4	EN 10169:2015

Colorcoat Prisma® has been tested in Poland by the Building Research Institute (ITB)

# Sandwich panels advantages

## ARPANEL AESTHETICS

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- The revolutionary 3-layer technology of the pre-finished steel used on ARPANEL AESTHETICS sandwich panels, ensures enhanced aesthetics, durability, as well as long lasting performance.
- The Confidex® guarantee is valid for up to 40 years for the weatherside of the industrial and commercial building exposed to the adverse effects of the external environment with no inspection or maintenance to maintain its validity.
- The optimised Galvalloy™ metallic coating (95% zinc (Zn) and 5% aluminium (Al)) provides ultimate corrosion resistance and cut edge protection.
- Independently tested for liberation of volatile organic compounds (VOC) (emission factor for air quality) in accordance with EN ISO 16000-9 (chemical emissions from building materials and equipment, indoor air), and achieved the highest A+ rating.
- Fully REACH compliant (Registration, Evaluation, Authorisation and Restriction of Chemicals); free of chromates including hexavalent chrome.
- Fully supports BREEAM & LEED (Environmental Impact Assessment Systems) certification.



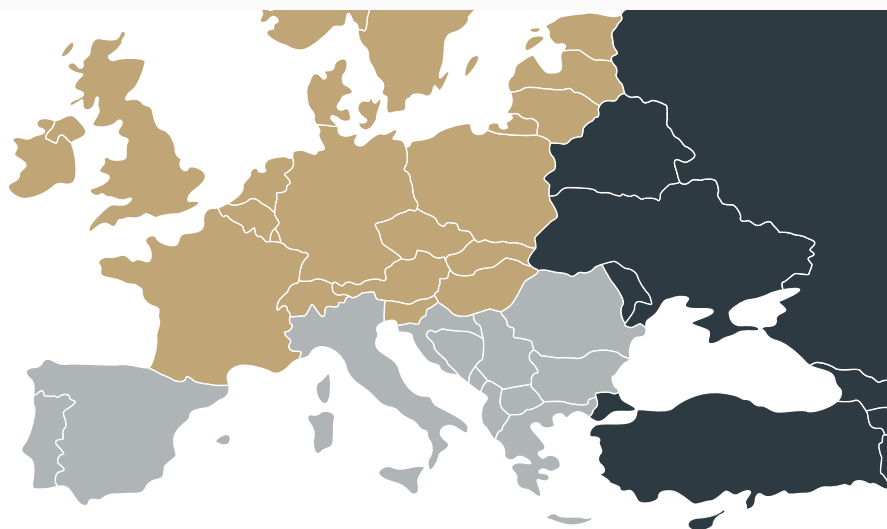
# Guarantee

Thanks to the certificates and standards that our product meets, we guarantee long-term performance. The satisfaction of customers is our top priority, which is why the Confidex® Guarantee covers Colorcoat Prisma® by Tata Steel used as the external facing of ARPANEL AESTHETICS sandwich panels. It relates to industrial and commercial buildings for the side exposed to the adverse effects of the external environment.

The guarantee is up to 40 years with no inspection or maintenance required to maintain its validity. Confidex® also provides unique colour stability for up to 20 years. The Confidex® Guarantee is the most comprehensive guarantee for pre-finished steel products.

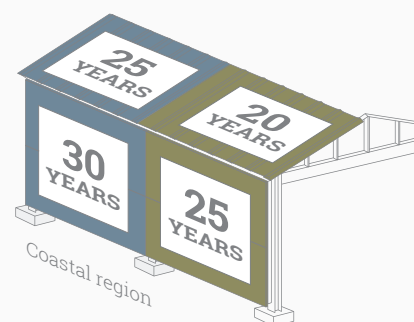
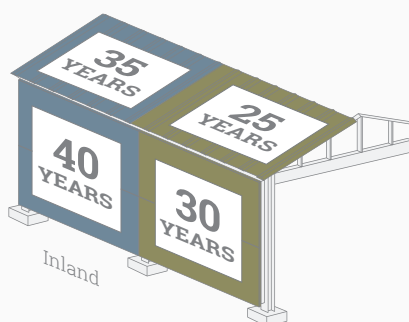
We can distinguish two Confidex® Guarantee zones. In Zone 1 areas, Confidex® provides a colour guarantee of up to 20 years and in Zone 2 up to 15 years. The guarantee periods for locations in the coastal region apply to buildings within 1 km from the coastline. The colour stability guarantee applies only to the 29 standard colours shown in the Tata Steel\* colour chart.

- Northern Europe (Zone 1)
- Southern Europe (Zone 2)
- For areas outside the Confidex® Guarantee\* zones, please contact Tata Steel for further information



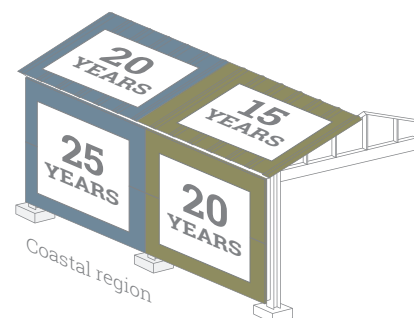
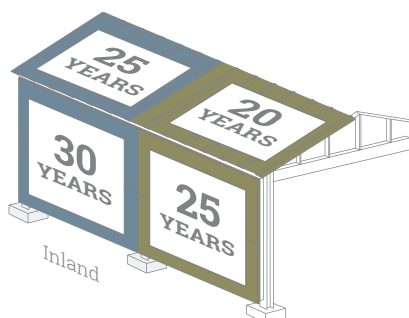
## Zone 1

- Solid, metallic and matt colours
- Element colours



## Zone 2

- Solid, metallic and matt colours
- Element colours



\*The full terms and conditions of the Confidex® Guarantee are presented in the online application form available at [www.colorcoat-online.com/registration](http://www.colorcoat-online.com/registration). In order for the Confidex® Guarantee to be valid, it must be registered within 3 months of the building completion date. The Confidex® Guarantee periods shown in the figure above apply to Zone 1 and Zone 2. More information about other zones can be found at [www.colorcoat-online.com/confidexmap](http://www.colorcoat-online.com/confidexmap).

# Available colours

Edition II/2020



The colours shown are only a demonstration and do not fully reflect the exact appearance of the available colours. The only authentic representation of them is shown in the chart of available Colorcoat Prisma® colour ranges owned by Tata Steel.

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Please consider the environment  
before printing this brochure.

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