

ARPANEL

STYLE. QUALITY. FUNCTION.

ARPANEL AQUA

PREMIUM LINE

INSPIRATION IN THE COLOUR OF THE SEA.
EXCEPTIONAL QUALITY. UNIQUE DESIGN.



ARPANEL AQUA

PREMIUM LINE

Sandwich panels with Colorcoat Prisma® by Tata Steel, Aquarius from the range of metallic colours. Made with the greatest care to meet the requirements of our clients. We strive to achieve the best possible product quality coupled with a unique look.

ARPANEL AQUA sandwich panels are a product that combines aesthetics, elegance and durability. Colorcoat Prisma® Aquarius colour has exceptional visual qualities, resulting in an irreplaceable quality and unique design in the final product, which is a sandwich panel. The sandwich panel with Colorcoat Prisma® by Tata Steel is manufactured in such a way to meet the highest ecological standards.

GUARANTEE

UP TO

40*

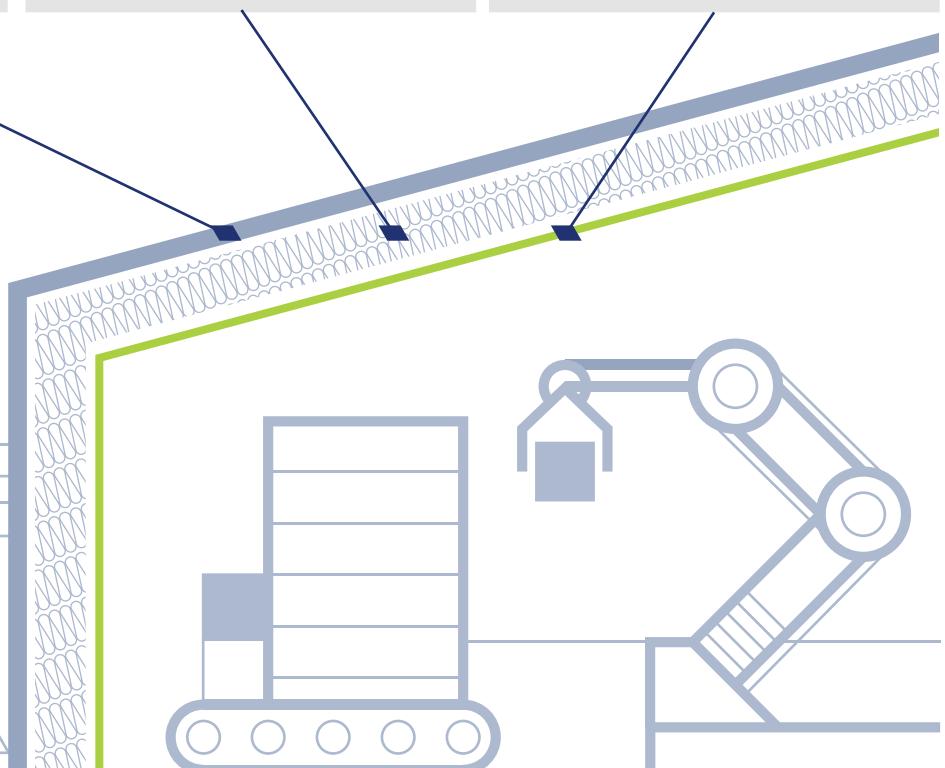
YEARS

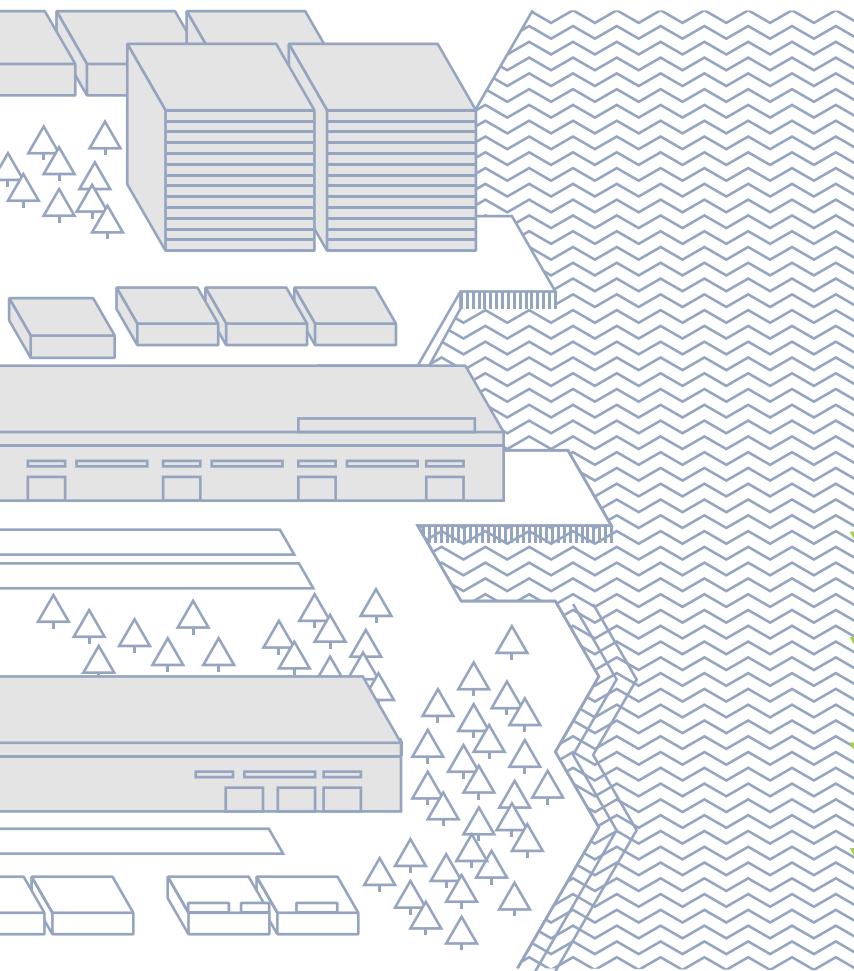
External facing of the ARPANEL sandwich panels with **Colorcoat Prisma® Aquarius**

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

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

Non-aggressive environment





ARPANEL AQUA
sandwich panels
are primarily used
on walls of:

Commercial buildings

Retail buildings

Public sector buildings

Office buildings

Characteristics of the sandwich panels

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with Colorcoat Prisma® by Tata Steel

Typical properties of sandwich panel facing
ARPANEL AQUA with Colorcoat Prisma®

Test acc. to standard

Nominal organic coating thickness

Metallic	µm *	65	EN 13523-1
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Corrosion resistance and UV radiation resistance

Corrosion resistance - Salt spray (fog)	h	1000	EN 13523-8
Corrosion resistance - Humidity		5000	EN 13523-25
Corrosion resistance category		RC5+, CPI5	EN 10169:2022
UV resistance category		RUV5	EN 10169:2022

* The performance of Colorcoat Prisma® has been validated in Poland by the Institute of Building Technology (ITB).

This validates the category RC5+ and the UV resistance in the Ruv5 category according to PL-EN 10169:2022 for the standard Solid, Metallic and Matt colours in the range.

Guarantee

Thanks to the certificates and standards that our product meets, we guarantee long-term use. Clients and their satisfaction are our top priority, which is why the Confidex® Guarantee covers the Colorcoat Prisma® by Tata Steel facing of the ARPANEL AQUA sandwich panels. It relates to the cladding of the industrial and commercial building on the side exposed to the adverse effects of the external environment.

The guarantee can be valid for up to 40 years with no inspection or maintenance to maintain its validity. Confidex® also provides unique colour stability for up to 20 years.

Confidex® Guarantee provides the most comprehensive protection for pre-finished steel products.

Confidex® Guarantee can be obtained by registering online for a specific project. The Guarantee is issued upon application submitted electronically for registration of the guarantee. To verify that the building has been registered, you can contact the Colorcoat Connection® helpline.

There are 2 Confidex® Guarantee zones

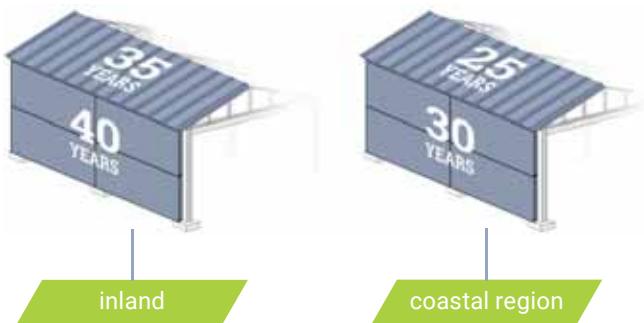
In zone 1 areas Confidex® offers a colour stability guarantee of up to 20 years and in zone 2 up to 15 years (see guarantee conditions). The colour stability guarantee applies only to the 29 standard colours shown in Tata Steel colour chart.*

- 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



Zone 2

- Solid, metallic and matt colours



The guarantee periods for locations in the coastal region apply to buildings within 1 km from the coastline.

* The full terms and conditions of the Confidex® Guarantee are presented in the online application form available at 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.

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Colours and visual features

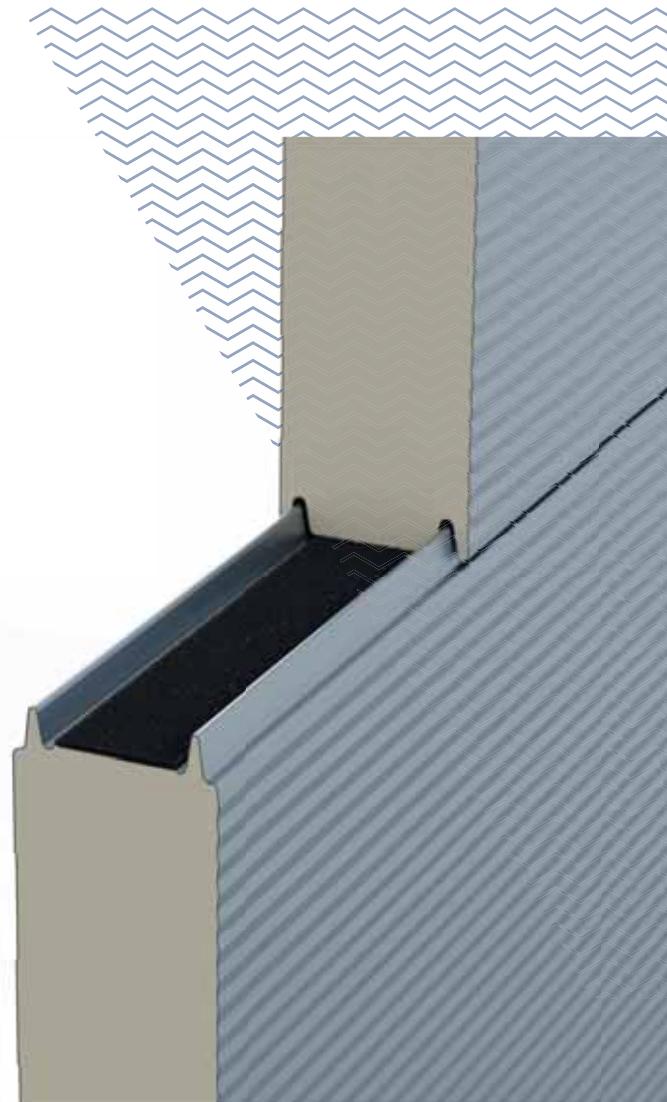
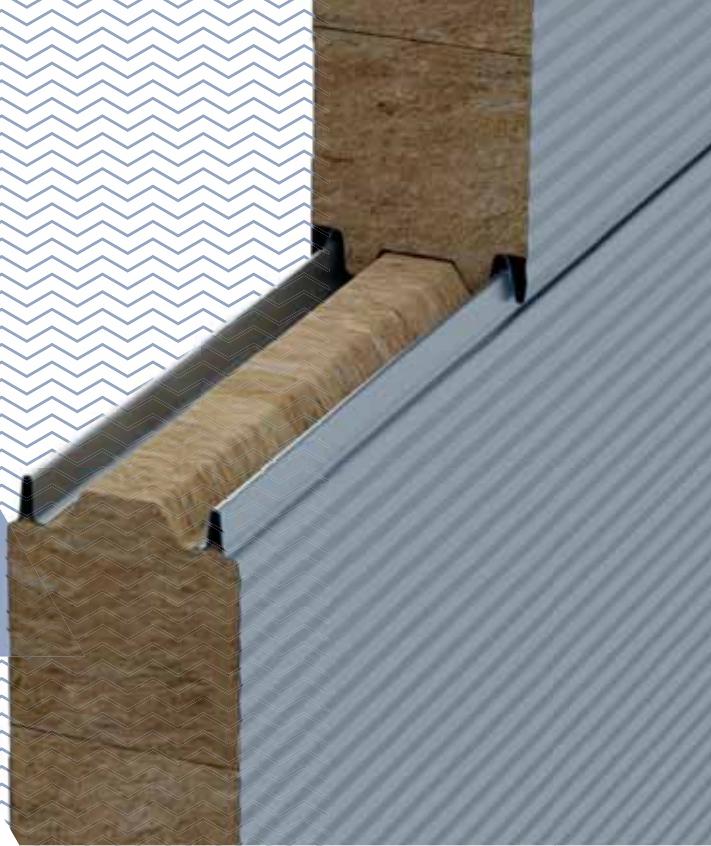
ARPANEL AQUA is a sandwich panel with an external surface utilising Aquarius by Tata Steel with a Solar Reflectance Index (SRI) of 50, which determines the reflectivity of the coating. The higher the SRI value, the greater the reflectivity of solar radiation, which contributes to lower heat absorption and, at the same time, improved energy efficiency of the building.

The Steady State Surface Temperature (SSST) index for the Aquarius sheet is 64, which indicates the surface temperature of the coating at solid state. This index relates to the thermal comfort of the building being insulated. The SRI and SSST indices are according to ASTM E 1980, which confirms their reliability.

The use of this colour scheme not only makes the building stand out from its surroundings, but also gives it a unique character for years to come!

ARPANEL AQUA

Colour	SRI	SSST
Aquarius	50	64

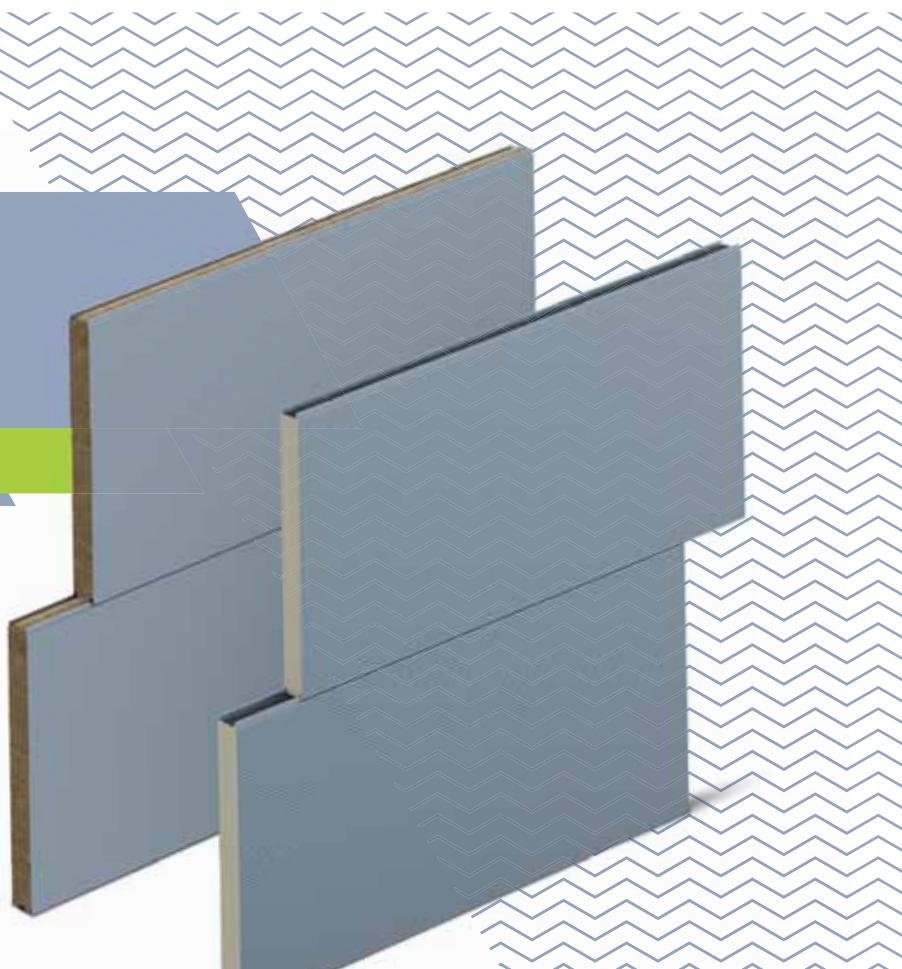


Advantages of sandwich panels

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The revolutionary 3-layer coating technology, which guarantees exceptional durability and long-lasting use.



An original finish from the Colorcoat Prisma® metallic colour range.

Optimised Galvalloy™ metallic layer (95% zinc [Zn] and 5% aluminium [Al]) provides maximum corrosion resistance and protection for the cut edges.

The Confidex® guarantee is valid for up to 40 years for the cladding on the side of the industrial and commercial building exposed to the adverse effects of the external environment with no inspection or maintenance to maintain its validity.

Fully REACH compliant (Registration, Evaluation, Authorisation and Restriction of Chemicals); free of chromates including hexavalent chrome.

Supports **BREEAM** and **LEED** certification systems
(the systems for assessing the environmental impact of a project).

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.

Adamietz sp. z o.o., the manufacturer of the ARPANEL AQUA sandwich panels, is not responsible for any differences between the actual parameters and the content of this brochure.

The manufacturer reserves the right to make corrections and changes in the content of this publication without prior notice.

The contents of this brochure do not constitute a commercial offer within the meaning of the Civil Code.



Please consider the environment
before printing this brochure

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