

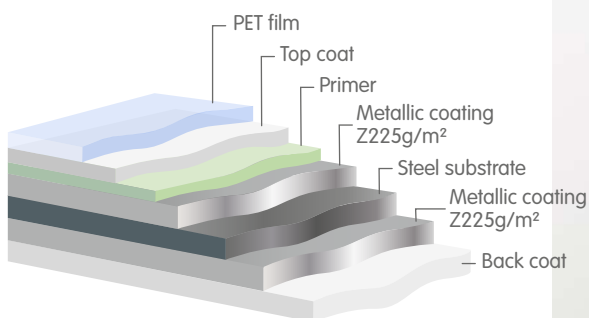
Estetic® Clean

Optimum protection for cold rooms

Estetic® Clean is a robust pre-painted steel coupled with a co-laminated film. It answers the most stringent requirements for cold rooms.

Estetic® Clean combines excellent corrosion resistance and flexibility. The polyester film on the outer layer ensures that Estetic® Clean is suitable for food contact applications while resisting stains, dirt, and cleaning products.

The reverse side of the steel has a pre-painted back coat suitable for insulated panels.



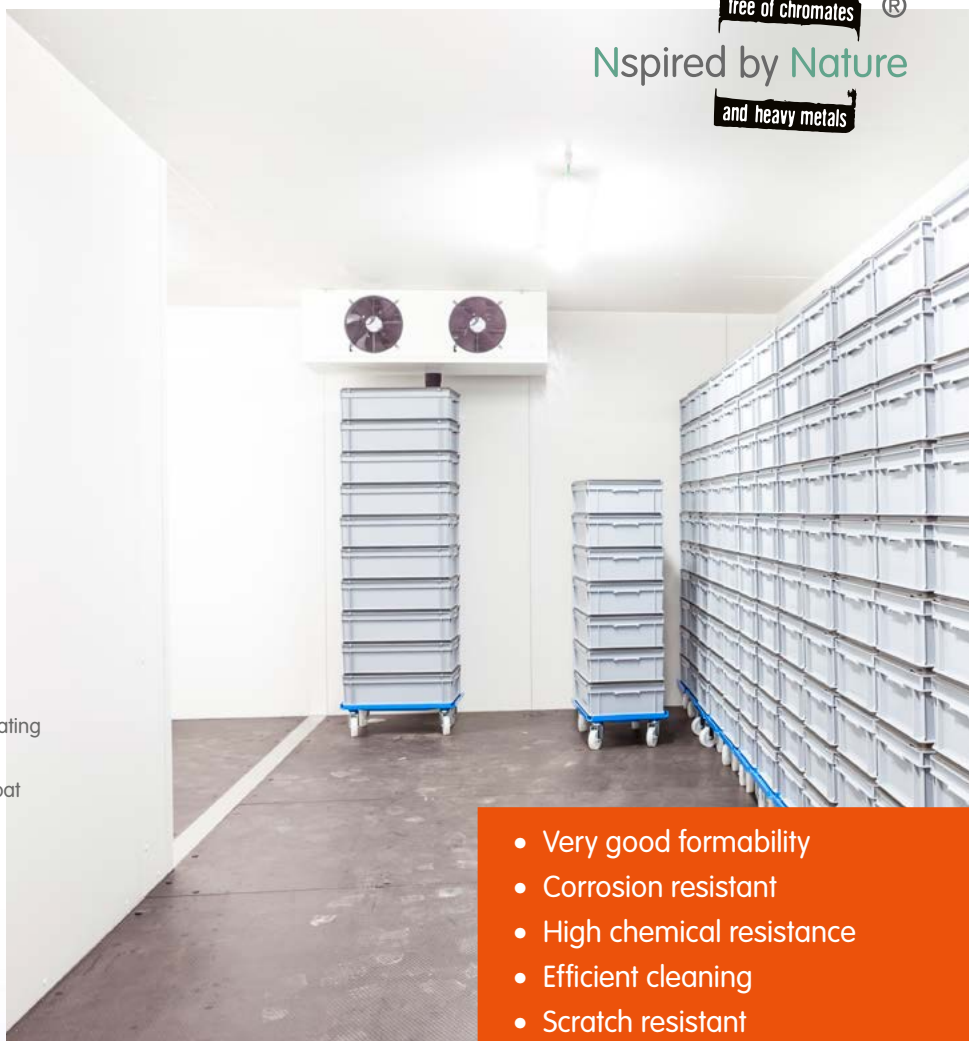
Adapted to the most severe environments (EN 10169+A1/P34-301)

Estetic® Clean withstands the most severe humidity classes (CPI4 and CPI5 according to EN 10169+A1), Ivb and Vc (P34-301).

Estetic® Clean resists the intensive use of cleaning products.

Indoor air quality

Certified A+ (ISO 16000-9) after testing for volatile organic compounds (VOC) by an independent laboratory. Estetic® Clean has achieved the highest level of performance.



- Very good formability
- Corrosion resistant
- High chemical resistance
- Efficient cleaning
- Scratch resistant
- Suitable for food contact
(Certification compliant with food contact regulations)

Norms P34-301/ EN 10169+A1	Environment	Cleaning	Humidity	In-use temperature	Applications
Ivb / CPI4	Lightly aggressive	Non-intensive	Humid (strong hygrometry)	0° to +25°C	Wine cellars, meat industry applications (slaughterhouses), butter production, ice creameries.
Vc / CPI5	Aggressive	Intensive	Very humid	0° to +35°C	Wine cellars, mushroom farms, cheese production, fish storage and freezing rooms.

Applications

Estetic® Clean fully complies with European REACH regulations and is free of chromates and heavy metals. An environment product declaration (EPD) is available.

Estetic® Clean can form the large interior panels of aggressive indoor environments such as:

- Wine cellars, mushroom farms, meat and cheese production and storage units.
- Salt-based food production and storage, dairy transformation factories, and seafood processing units.



Main properties and performances

free of chromates[®]
 Inspired by Nature
 and heavy metals

Thickness	50 µm (organic coating + PET film)
Dimensions	Thickness: 0.45 to 0.65 mm (other thicknesses available on request) Width: 1220 and 1250 mm (other widths available on request)
Metallic coating	Z225 g/m ² mandatory
Colours	Standard: white and grey Other colours available on request
Gloss units (Gardner 60°)	17- 20 GU
Adhesion of the coating (T-bend)	0 T
Resistance to cracking on bending (T-bend)	≤ 1 T
Impact resistance	18 J
Surface "pencil" hardness	2 H
Clemen scratch resistance	≥ 5kg
Salt spray test (SST)	500 hours
Condensation resistance (QCT)	2000 hours
Food safety	Suitable (compliant with food contact regulations)
SVHC	Exempt
Fire resistance (EN 13501-1)	A1



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Steel Advisor

Find the right steel products



Credits

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