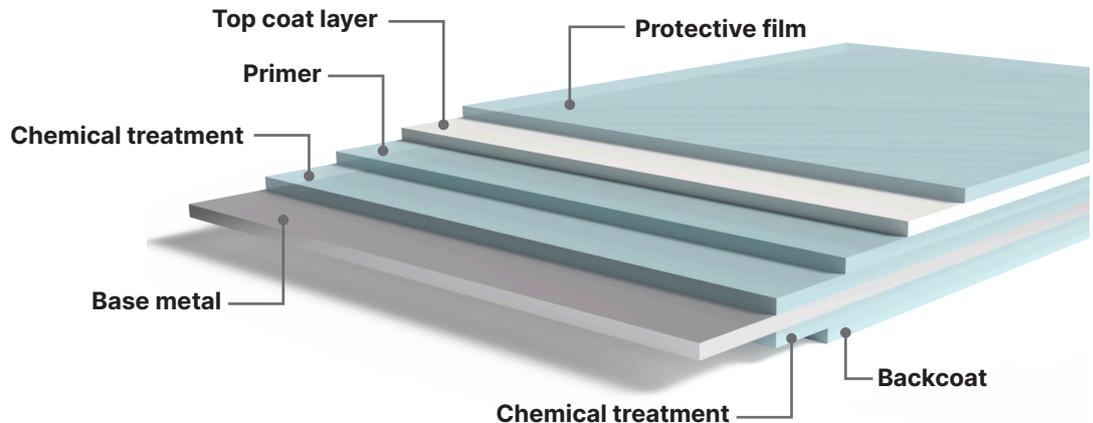


Application: Multi&evosystem, Bigisopanel, Incoldisodoors, Incoldactive

Prepainted polyester sheet 25 μ, Ral 9010, non-toxic, composed of a metallic support pre-coated with multiple layers of paint and a semi-gloss finish. Thanks to its suitability for contact with food and its mechanical workability, it can be used in many industrial cooling applications, such as in the manufacture of domestic refrigerators, freezers, cell type and storage refrigerators.



**Composition**

<b>Standard metal support</b>	Galvanized carbon steel sheet, Sendzmir system type S250GD + Z 150 in accordance with EN 10346: 2009, thickness 0.60 ± 0.05 mm in accordance with standard EN 10143: 2006.
<b>First face coating (side in view)</b>	Resin polyester base paint with high adhesion and chemical resistance, colour white Ral 9010 non-toxic type, thickness 25 ± 2 μ suitable for contact with food, in accordance with Min. Decree 21/03/1973 and subsequent updates resulting from the implementation of EC Directives 2001/62/EC, 2002/16/EC, 2002/17/EC, 2002/19/EC.
<b>Second face coating (side not in view)</b>	Primer thickness 5 ÷ 8 μ to facilitate access of polyurethane foam on metal support.
<b>Temporary protection first face (side in view)</b>	Adhesive film in low density polyethylene with anti-UV treatment, maximum duration of exposure outside 3 months, 50 μ thick, colour transparent neutral, acrylic adhesive (water-based).

**Technical data**

DESCRIPTION	TEST METHOD	RESULTS OF TESTS
<b>Colour Difference</b>	UNI EN 13523-3	Δ E ≤ 0,5
<b>Nominal thickness of coating</b>	First face UNI EN 13523-1 Second face UNI EN 13523- 1	25 ± 2 μ 5 – 8 μ
<b>Adhesion after deep drawing 6 mm</b>	UNI EN 13523-6	Good
<b>Adhesion after fold</b>	UNI EN 13523-7	≤ 1 T
<b>Crazing resistance (fold to T)</b>	UNI EN 13523-7	≤ 3 T (no cracks)
<b>Resistance to saline mist</b>	UNI EN ISO 9227:2006	No formation of corrosion or other product defects observed after cycle of 280 hours.
<b>Water resistance</b>	UNI EN 13523-9	No loss of adhesion or boiling
<b>Resistance to 100% relative humidity</b>	ASTM D 2247-94	1,000 h no formation of blisters
<b>Pencil hardness</b>	UNI EN 13523-4	H
<b>Resistance to UV and fluorescent light water condensation</b>	UNI EN 13523-10	2000 h UVA 340 Residual gloss > 30% of initial value Resistance category UV RUV 2
<b>Gloss at 60°</b>	UNI EN 13523-2	30 ± 5 Gloss
<b>Surface abrasion resistance</b>	UNI EN 13523-16	Weight loss 30-35 mmg
<b>Reaction to fire classification</b>	EN 13501-1 :2007	Class A1

**Cleaning**

Clean using only detergent product with PH 6÷8.  
Max. application pressure 5 bar - Rinse and dry the surface. Do not use abrasive products.

**Retouching or painting over prepainted surfaces**

• **Preliminary operations**

Before applying the enamel, thoroughly clean the surfaces to be covered with neutral cleaners diluted in water or denatured alcohol, then rinse with water and dry thoroughly.

• **Materials to be used**

To retouch or paint prepainted surfaces we recommend the use of commercially available products such as Bicomponent polyurethane enamels with volatile solvents.

Note. We recommended preliminary tests on small areas to assess the suitability of the enamels