

INOXPLATE

High value added coatings

We are the visible
part of an intelligent,
innovative and
ecoefficient design



REPLASA
FINISHED METALS COATING YOUR INNOVATIONS

General Characteristics

It offers a top range appearance, fingerprint protection and easy superficial cleaning, also improving the resistance to corrosion of uncoated stainless steel.

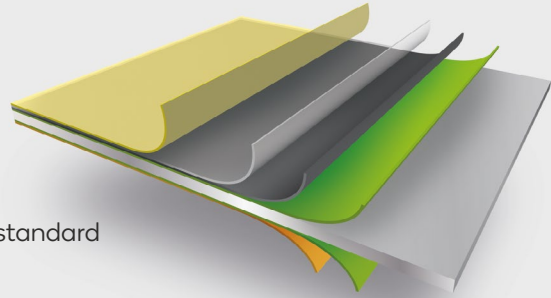
General Properties

- It maintains the same decorative look of the material used as substrate.
- Anti-fingerprint material, highly resistant to scratching.
- Pressurised-water cleaning test for 1 hour, 100 bars at 20 cm no delamination or separations.
- Very good resistance to stains and household cleaning products, thus protecting the stainless steel from premature ageing.
- Excellent resistance to dampness.
- Maximum use temperature 110°C. Inert material, food safe.
- Great folding flexibility, but cannot be welded.

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Composition

- Protective 30 - 80 μ (optional)
- Easyclean and Fingerprint-resistant coating
- Adhesive 7 - 10 μ
- Chemical treatment
- Stainless steel substrate according to EN 10088 standard
- Chemical treatment
- Back primer 3 - 5 μ (optional)



Product behaviour

Description	Testing Standard		Unit	Result	Observations
Total coating thickness	EN 13523-1	ASTM D1005	μ	12-20	Varies by material or coating. Nominal values
Specular Gloss (Gardner 60°)	EN 13523-2	ASTM D523	%	> 90	Depending on finish
Pencil hardness	EN 13523-4	ASTM D3363		> 4H	
Resistance to rapid deformation	EN 13523-5	ASTM D2794	joules	18	Without detachment
Adherence after Erichsen cupping	EN 13523-6	ASTM E643	mm	8	Without detachment
T Bending	EN 13523-7	ASTM D522		0T	Without cracking or separation
Resistance to salt spray	EN 13523-8	ASTM B117	hours	500	5mm max. detachment
Resistance to accelerated Xenotest ageing test	EN 13523-10	ASTM D6695	hours	> 1000	$\Delta E < 1$
Resistance to MEC friction test	EN 13523-11	ASTM D5402	DF	> 150	Without change
Stain resistant (strawberry, orange, butter, fried tomato, mustard, lipstick, oil, milk, coffee, tea, chocolate, and soap)	EN 13523-18	ASTM D1308		Stain free	After 24 hours

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