

LAMIPLATE

High value added coatings

Through our coatings,
we have learned
to be adaptable and
flexible to the products
of thousands
of manufacturers



REPLASA
FINISHED METALS COATING YOUR INNOVATIONS

General Characteristics

Its offers anti-corrosive decorative properties and highly flexible finish.

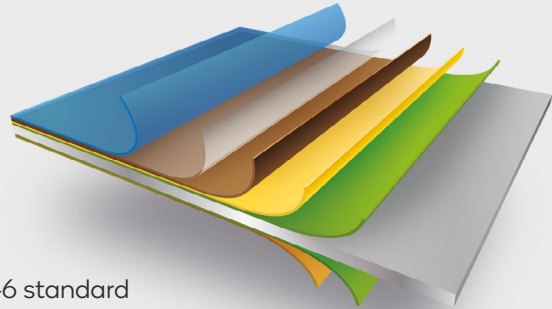
General Properties

- Excellent flexibility to obtain OT without cracking.
- Good resistance to scratching. Good resistance to abrasion.
- Pressurised-water cleaning test for 1 hour, 100 bars at 20 cm = no delaminations or separations.
- Excellent resistance to chemicals and cleaning products.
- Good resistance to stains. Easy cleaning.
- Excellent resistance to dampness. Inert material, food safe.
- Excellent resistance to mould growth.

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Composition

- Protective film 30-50 μ (optional)
- Transparent PET film 12-20 μ
- Paint finish
- Primer 5-15 μ
- Chemical treatment
- Galvanised Steel substrate according to EN 10346 standard
- Chemical treatment
- Back primer 5-10 μ



Product behaviour

Description	Testing Standard		Unit	Result	Observations
Total coating thickness	EN 13523-1	ASTM D1005	μ	45	Approximate indicative values
Specular Gloss (Gardner 60°)	EN 13523-2	ASTM D523	%	Matte or gloss	Depending on film finish
Pencil hardness	EN 13523-4	ASTM D3363		H - 2H	
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	Max. 2 mm detachment
Resistance to accelerated ageing	EN 13523-10	ASTM D6695	hours	> 1000	Variable depending on film and design
Resistance to MEC friction test	EN 13523-11	ASTM D5402	DF	> 150	
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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