

GLOSSYPLATE

High value added coatings

A cold, heavy
and firm product
like metal needs
a warm, light
and flexible
appearance



REPLASA
FINISHED METALS COATING YOUR INNOVATIONS

General Characteristics

It offers multiple cosmetic and fanciful finishes, bringing out the anti-corrosive properties of steel.

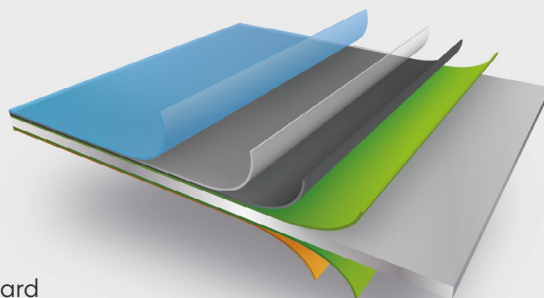
General Properties

- 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 detachments.
- Excellent resistance to chemicals and cleaning products.
- Good resistance to stains. Easy cleaning.
- Excellent resistance to dampness.
- Inert, food safe material.

GLOSSYPLATE

Composition

- Protective film 30-80 μ (optional)
- Multilayer film > 100 μ
- Adhesive 7-10 μ
- Chemical treatment
- Metallic substrate
 - Galvanised steel according to EN 10346 standard
 - Cold rolled steel according to EN 10131 standard
 - Aluminium according to EN 485 standard
 - Electrolytically zinc coated Steel according to EN 10152 standard
- Chemical treatment
- Back primer 5-7 μ (optional)



Product behaviour

Description	Testing Standard		Unit	Result	Observations
Total coating thickness	EN 13523-1	ASTM D1005	μ	150	Depending on film reference
Specular Gloss (Gardner 60°)	EN 13523-2	ASTM D523	%	> 90	Depending on film reference
Colour difference	EN 13523-3	ASTM E1347		$\Delta E < 1,5$	Depending on film reference
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	> 300	Max. 3 mm detachment
Resistance to accelerated Xenotest ageing test	EN 13523-10	ASTM D6695	hours	> 350	$\Delta E < 1$
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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