

COLORPLATE

High value added coatings

We cover façades,
walls, ceilings...
but above all,
we cover all our
customers' needs



Replasa
Advanced Materials

coating your innovations

General Characteristics

It adds colour to metal, protecting it and increasing its anti-corrosive properties.

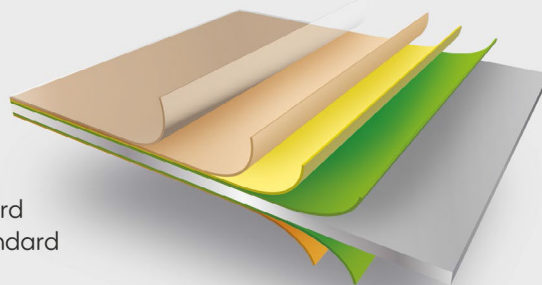
General Properties

- Great decorative possibilities in special one-colour finishes or RAL chart.
- Special colours on request, minimum 1,300 m².
- Good resistance against corrosion and dampness.
- Easily mechanised, but cannot be welded.
- Certified for use per Naval Standard MED 2014/90/EU (B and D modules).

COLORPLATE

Composition

- Protective film 30-80 μ (optional)
- Finish coating 15-20 μ
- Primer 5-7 μ
- Chemical treatment
- Metallic substrate
 - Galvanised steel according to EN 10346 standard
 - Cold laminated steel according to EN 10131 standard
 - Aluminium according to EN 485 standard
 - Stainless steel according to EN 10088
- Chemical treatment
- Back primer 5 - 10 μ (optional)



Product behaviour

Description	Testing Standard		Unit	Result	Observations
Total coating thickness	EN 13523-1	ASTM D1005	μ	25 \pm 5	Varies by material or paint coating
Specular Gloss* (Gardner 60°)	EN 13523-2	ASTM D523	%	30 \pm 5	Adaptable to requirements
Colour difference	EN 13523-3	ASTM E1347		$\Delta E \leq 1,5$	Depending on reference, except for metallic colours (visual control colour)
Pencil hardness	EN 13523-4	ASTM D3363		F - H	Depending on nature
Resistant to rapid deformation	EN 13523-5	ASTM D2794	joules	> 12	Without detachment
T Bending	EN 13523-7	ASTM D522		0 - 1T	Without cracking or separation
Resistance to salt spray	EN 13523-8	ASTM B117	hours	1000	2 mm max. detachment
Resistance to accelerated Xenotest ageing test	EN 13523-10	ASTM D6695	hours	2000	$\Delta E < 1$
Resistance to MEC friction test	EN 13523-11	ASTM D5402	DF	> 100	Without detachment
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

* Nominal value indicated.

Our registered trademarks

Acquaplate • Aluplate • Astraplate • Astraplate + • Colorplate • Decorplate • Glossyplate • Inoxplate • Metalplate • Metalplate + • Lamiplate • Starplate • Thermoplate

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