

ACQUAPLATE

High value added coatings

We not only
manufacture coatings,
we design
intelligent skins
for your building



REPLASA
FINISHED METALS COATING YOUR INNOVATIONS

General Characteristics

It combines the mechanical resistance and the formability of metals with the sealing properties of weatherproofing films based on polypropylene (PP), polyethylene (PE) or PVC.

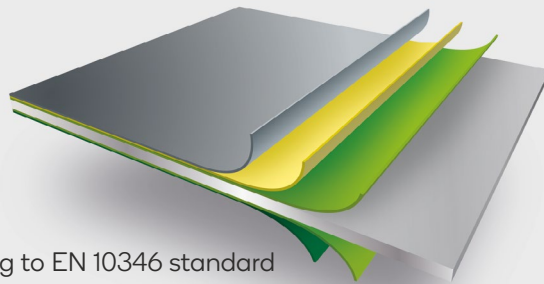
General Properties

- Good resistance to roots and corrosion.
- UV resistant.
- Very good resistance to corrosion, dampness and abrasion.
- High flexibility for bending.
- Easy to machine.
- The PP, PE or PVC sheet can be welded to another sheet of the same material.

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Composition

- Film 500-1200 μ
- Adhesive 9-12 μ
- Chemical treatment
- Metallic substrate
 - Galvanised steel substrate DX51D + Z275 according to EN 10346 standard
 - Stainless steel according to EN 10088 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	500 - 1200	Depending on reference and film type
Specular Gloss * (Gardner 60°)	EN 13523-2	ASTM D523	%	10 $\pm$ 5	Depending on reference and film type
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	> 2000	
Resistance to water immersion	EN 13523-9	ASTM D870	hours	> 500	Max. 2 mm detachment
Heat ageing	EN 13523-13	ASTM D3045	hours	500	120°C: without any alteration

* Nominal value indicated.

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