

Inoxplate



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



Inoxplate



General characteristics

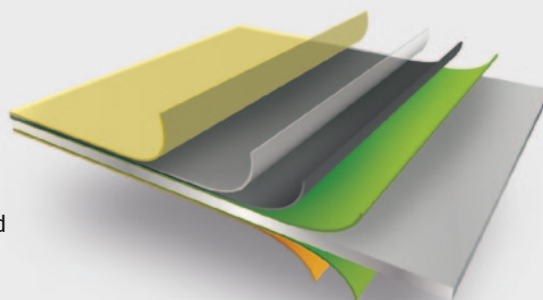
It offers a top range appearance, fingerprint protection and easy superficial cleaning, also improving the resistance to corrosion of uncoated stainless steel.

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 delaminations 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 and food safe.
- Great folding flexibility, but cannot be welded.

Composition

- Protective film 30–50 µ (optional)
- Clear PET film 15–20 µ, shiny or matt.
- 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	TEST	UNIT	RESULT	OBSERVATIONS
• Total coating thickness	ECCA T1	µ	18	
• Specular gloss (Gardner 60°)	ECCA T2	%	>130	shiny film
• Pencil hardness	ECCA T4		>4H	
• Resistance to quick deformation	ECCA T5	joules	18	without detachment
• Adherence after Erichsen cupping	ECCA T6	mm	8	without detachment
• T bending	ECCA T7		0T	without cracking or separation
• Resistance to salt spray	ECCA T8	hours	>500	5mm max. detachment
• Resistance to water immersion	ECCA T9	hours	500	2mm max. detachment
• Resistance to accelerating Xenotest ageing test	ECCA T10	hours	>1000	ΔE<1
• Resistance to MEC friction	ECCA T11	DF	>150	without change
• Heat ageing	ECCA T13	hours	500	80° C: no alteration
			500	120° C: slight yellowing
			500	From -20° C to 80° C: no alteration
• Resistance to Taber abrasion	ECCA T16	mg	0,0183	1000 cycles
• Stain resistant	ECCA T18			
Strawberry, orange, butter, fried tomato, mustard, lipstick, oil, milk, coffee, tea, chocolate and soap.			stain free	after 24 hours

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Inoxplate

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Starplate

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