

# Laminium OAB®

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Our Laminium OAB® premium product has been specially developed to suit the specific needs of our customers.

This technically advanced product has excellent anti-corrosion properties. In addition of great appearance and longevity, Laminium OAB® is also easily workable. From our Singen plant, we supply two different products: anodized and anodizing quality products in a wide range of colors.

## Product characteristics

Alloy	Surface	Temper	Coil		Sheet	Anodic Film Thickness (µm) natural or coloured		Color
			Thickness (mm)	Width (mm)	Length (mm)	Min.	Max.	
5005A	631-mat	H24-1/2 hard	0.3 ≤ t ≤ 3.0	800 ≤ w ≤ 1,700	Max. 6,000	3	20	On request

## Chemical composition (DIN EN 573-3) [in % max. or range of tolerance]

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other individually	Al min.
5005A	0.30	0.45	0.05	0.15	0.7-1.1	0.10	0.20	0.05	0.05	balance

## Mechanical properties (DIN EN 485-2)

Temper	Thickness (mm)		Tensile strength R <sub>m</sub> (MPa)		Yield strength R <sub>p0.2</sub> (MPa)	Elongation A <sub>50 mm</sub> (%)		Bend radius	
	From	To	Min.	Max.	Min.	Min.	90°	180°	
H24-1/2 hard	0.2	0.5	145	185	110	3	0.5 t	1.5 t	
	0.5	1.5				4	1.0 t	1.5 t	
	1.5	3.0				5	1.0 t	2.0 t	



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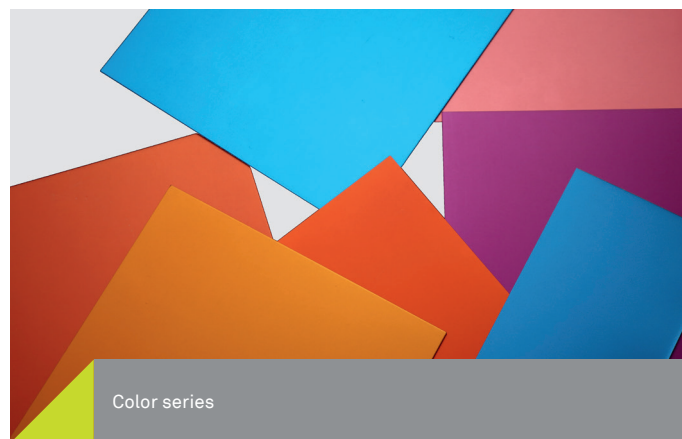
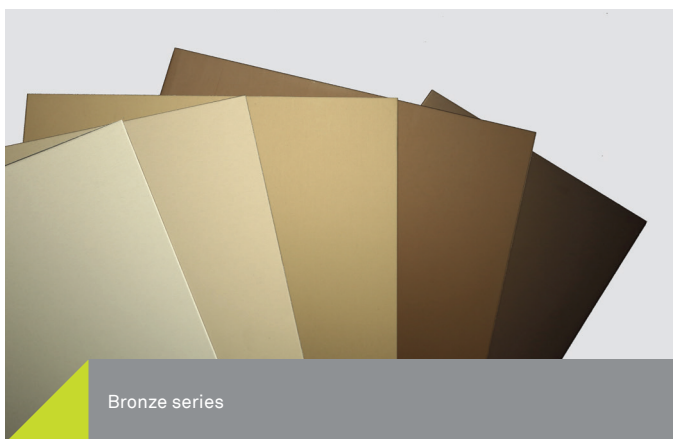
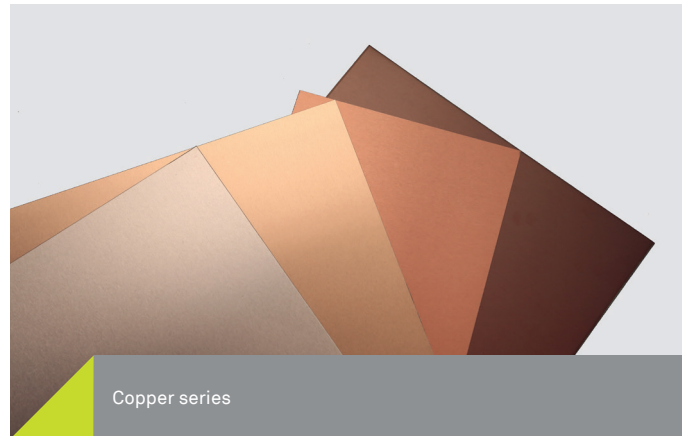
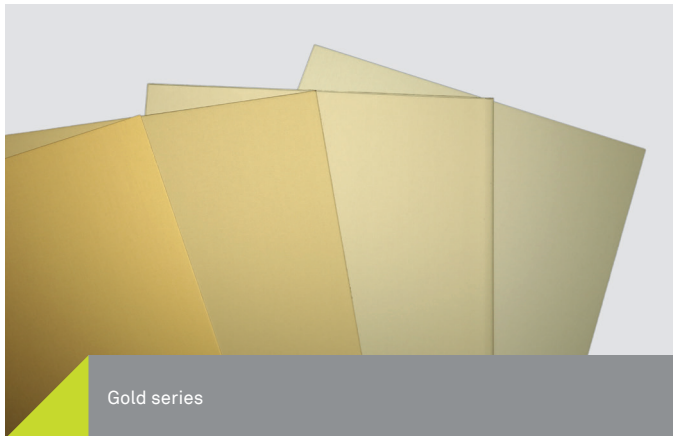
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# Laminium OAB®

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## Range of colors



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Other colors available on request.

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Our Inoxal® product can easily replace stainless steel for many applications. With excellent functionality and its light weight, it can be easily treated and combined with other materials.



The anti-fingerprint property and the modern brushed aspect are ideal for architectural and decorative products. To meet our customers' exigence, an optic control of 50cm

ensures the visual surface quality. Inoxal® exists in anodized and anodizing qualities. A large range of colors is available.

## Product characteristics

Alloy	Surface	Temper	Coil		Sheet	Anodic Film Thickness (µm)		Color
			Thickness (mm)	Width (mm)	Length (mm)	Min.	Max.	
5005A	824-Butler-finish fine	H14-1/2 hard	0.3 ≤ t ≤ 3.0	800 ≤ w ≤ 1,700	Max. 6,000	3	20	Light bronze

## Chemical composition (DIN EN 573-3) [in % max. or range of tolerance]

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other individually	Al min.
5005A	0.30	0.45	0.05	0.15	0.7-1.1	0.10	0.20	0.05	0.05	balance

## Mechanical properties (DIN EN 485-2)

Temper	Thickness (mm)		Tensile strength R <sub>m</sub> (MPa)		Yield strength R <sub>p0.2</sub> (MPa)	Elongation A <sub>50 mm</sub> (%)	Bend radius	
	From	To	Min.	Max	Min.	Min.	90°	180°
H14-1/2 hard	0.2	0.5	145	185	120	2	0.5 t	2.0 t
	0.5	1.5					1.0 t	2.0 t
	1.5	3.0					1.0 t	2.5 t