KRAUSE

Ladders and scaffold systems

Anodised ladders and steps

www.krause-systems.com

QUALITY Since 1900

Anodised ladders and steps:

Durability and quality thanks to innovative surface finishing

Why anodised ladders?

Anodised ladders impress with their optimised material properties, which make them the ideal solution for demanding applications. Their clean, resistant surface offers numerous advantages:

+ Excellent corrosion protection
+ High resistance to abrasion and scratches
+ Easy to clean and hygienic surface
+ Attractive, durable look

The anodising process: **Chemical conversion for maximum resistance**

The anodising process (short for **el**ectrolytic **ox**idation of **al**uminium) is a surface technology process in which a protective oxide layer is created on aluminium through anodic oxidation. In contrast to galvanic processes, the protective layer is not applied, but is created by converting the top metal layer into an oxide or hydroxide. This creates a 5 to 25 micrometre thin layer that protects the material from corrosion - in comparison, the natural oxide layer of aluminium is only a few nanometres thick.

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Aluminium
ANODISED
KRAUSE

Advantages of anodised ladders

Anodised aluminium ladders offer decisive advantages compared to untreated ladders in terms of functionality, durability and aesthetics.

Excellent corrosion protection:

The oxide layer created during the anodising process permanently protects the aluminium surface from moisture, salty air and chemical substances. This property makes anodised ladders particularly suitable for use in damp environments or in areas with aggressive environmental influences, such as near the coast or in industrial production facilities.

Increased surface hardness:

Anodised aluminium is significantly more resistant to mechanical stresses such as scratches or abrasion. The robustness of anodised rails proves to be a significant added value, particularly in everyday working life, for example on construction sites or in industry, where ladders are frequently moved or subjected to loads. This not only extends the service life of the ladder, but also minimises maintenance costs.

Secure grip and haptics:

Secure grip and haptics make a decisive contribution to user-friendliness. The smooth surface is pleasant to the touch and remains slip-resistant even under difficult conditions such as wet or dirty conditions. This not only increases ease of use, but also work safety - a key aspect in any professional working environment.

Appealing aesthetics:

The matt or glossy surface has a high-quality and professional appearance, which makes it particularly suitable for use in prestigious environments such as exhibition stand construction, shop fitting or modern offices. The visual design can also be adapted to individual requirements through colour variations.

Cleanliness:

Due to the closed and smooth structure of the anodised layer, the surface is less susceptible to soiling such as dust, oil or grease. Such substances adhere less easily, which makes cleaning much easier. The ladder remains visually neat and hygienic, especially with frequent use. Another advantage in terms of cleanliness concerns the hands of the user. In contrast to untreated aluminium, which often leaves black residue after intensive use, the hands of anodised ladders remain clean. This makes them ideal for use in hygienically sensitive areas such as **pharmacies, food shops or hospitals.** Anodised ladders are also the perfect choice in environments where packaging or surfaces need to remain clean - for example in **retail.**

In summary:

This is a process that produces no toxic residues. The protective oxide layer forms directly on the aluminium surface. The material's functional properties are retained. The anodised layer also improves the material's corrosion resistance and surface hardness. Anodised ladders are therefore a sensible investment for anyone who values durable, safe, hygienic and visually appealing work equipment.

MONTO®

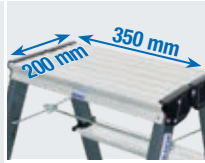
TÜV SÜD

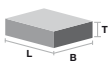
Certificate
EN 14183
Norm

Double folding step Treppy® anodised

Compact and sturdy lightweight aluminium folding step with a large top platform and anodised rails for all works where cleanliness is of particular importance.

+ Large 350 x 200 mm top platform for maximum safety
+ Sturdy, impact-resistant metal hinge-joints
+ Anodised rails prevent from dirty hands and ensure an easy cleaning
+ Integrated safety lock for extra safety
+ Lightweight and foldable for space-saving storage



Number of steps				2 x 2
1		A up to approx.	m	2.45
		B approx.	m	0.45
2		C approx.	m	0.45
		D approx.	m	0.45
Product weight approx.			kg	1.95
		Width (B) approx.	m	0.40
		Depth (T) approx.	m	0.20
		Length (L) approx.	m	0.55
Art.-No.				130174

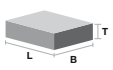
MONTO®
professional
+
domestic/private
Certificate
EN 131
Norm
Digital inspection
app for work
equipment

Step ladder Securo® anodised

An aluminium step ladder suitable in particular for use in areas where hygiene and comfort are highly required.

+ High ergonomic safety top rail with integrated bucket hook and storage tray incl. tool holder and cable holders
+ Rail-surrounding safety hinge system (4CS) for a stable connection
+ 250 mm deep, profiled aluminium safety platform with slip-resistant inserts
+ 6-time riveted step/rail connection for high stability
+ Anodised rails prevent for dirty hands and ensure an easy cleaning
+ 125 mm deep safety steps with slip-resisting profile for comfortable and safe ascent and descent
+ Large, slip-resistant profiled and floor protecting safety foot caps
+ Pre-equipped with a wosatec QR code label for easy digitalisation of work equipment inspection documentation

i Anodised ladders prevent hands from getting dirty thanks to their smooth surface and at the same time ensure quick and easy cleaning of the ladder.

Number of steps incl. platform				4	5	6	7	8
1		A up to approx.	m	2.85	3.05	3.30	3.50	3.70
		B approx.	m	0.85	1.05	1.30	1.50	1.70
2		C approx.	m	1.60	1.80	2.05	2.30	2.50
		D approx.	m	1.45	1.65	1.90	2.10	2.30
Product weight approx.			kg	4.1	5.0	5.8	6.8	7.8
		Width (B) approx.	m	0.45	0.50	0.50	0.55	0.55
		Depth (T) approx.	m	0.15	0.15	0.15	0.15	0.15
		Length (L) approx.	m	1.60	1.85	2.10	2.30	2.55
Art.-No.				**126429**	**126436**	**126443**	**126450**	**126467**

MONTO®

professional + domestic/private

Certificate EN 131 Norm

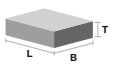
Digital inspection app for work equipment

Step ladder SePro®S anodised

SePro® S is the high-end ladder from the MONTO range – clean, comfortable and durable.

+ High ergonomic safety top rail with integrated bucket hook and storage tray incl. tool holder and cable holders
+ Hightech metal hinge connection, rail-surrounding with hinge protection
+ 260 mm deep, completely slip-resistant aluminium safety platform with barleycorn profiling
+ Anodised rails prevent for dirty hands and ensure an easy cleaning
+ High-strength braced step/side rail connection
+ 80 mm deep V-steps with slip-resisting profile
+ Large, slip-resistant profiled and floor protecting safety foot caps
+ Pre-equipped with a wosatec QR code label for easy digitalisation of work equipment inspection documentation

i Anodised ladders prevent hands from getting dirty thanks to their smooth surface and at the same time ensure quick and easy cleaning of the ladder.

Number of steps incl. platform				4	5	6	7	8
1	A up to approx.	m		2.85	3.05	3.30	3.50	3.70
	B approx.	m		0.85	1.05	1.30	1.50	1.70
2	C approx.	m		1.60	1.80	2.05	2.30	2.50
	D approx.	m		1.45	1.65	1.90	2.10	2.30
Product weight approx.		kg		4.4	5.2	6.0	7.0	8.0
	Width (B) approx.	m		0.45	0.50	0.50	0.55	0.55
	Depth (T) approx.	m		0.15	0.15	0.15	0.15	0.15
	Length (L) approx.	m		1.60	1.85	2.10	2.30	2.55
Art.-No.				**124180**	**124197**	**124203**	**124210**	**124227**

MONTO®

TÜV SÜD

professional + domestic/private

Certificate EN 131 Norm

TRBS 2121-2 Part 2 Annex 3

workplace

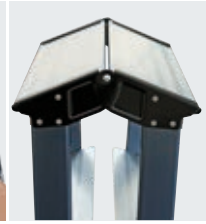
wOOPEC Digital inspection app for work equipment

Double-sided step ladder SePro® D anodised

SePro® D is the high-end aluminium double step ladder from the MONTO® range - clean, comfortable and durable

+ Large, 250 mm deep top shelf-/storage space
+ Anodised rails prevent from dirty hands and ensure an easy cleaning
+ Sturdy, impact-resistant steel hinge connections
+ High-strength flanged step/side rail connection
+ Large, slip-resistant and floor protecting foot caps
+ Pre-equipped with a wosatec QR code label for easy digitalisation of work equipment inspection documentation

i Anodised ladders prevent hands from getting dirty thanks to their smooth surface and at the same time ensure quick and easy cleaning of the ladder.



Number of steps			2 x 3	2 x 4	2 x 5	2 x 6	2 x 7	2 x 8
1	A up to approx.	m	2.20	2.40	2.65	2.85	3.05	3.30
	B approx.	m	0.20	0.40	0.65	0.85	1.05	1.30
2	C approx.	m	0.70	0.90	1.15	1.35	1.60	1.85
	D approx.	m	0.65	0.85	1.05	1.30	1.50	1.70
Product weight approx.		kg	3.2	4.4	5.1	6.4	7.7	9.1
	Width (B) approx.	m	0.45	0.45	0.50	0.50	0.55	0.55
	Depth (T) approx.	m	0.25	0.25	0.25	0.25	0.25	0.25
	Length (L) approx.	m	0.70	0.95	1.20	1.40	1.65	1.90
Art.-No.			125804	125811	125828	125835	125842	125859

Anodised rails...

... prevent
hands from getting dirty
and ensure an easy cleaning
of the ladder!

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Anodised ladders

Aluminium

Ladders and scaffold systems

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