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alfer[®]
aluminium

Storage range



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Dear customers,

“A tidy home, a tidy mind” is an age-old proverb.

Anyone who wants to use their garage to store not only their car but also tyres, bicycles, shovels, rakes and a lawn mower, or their cellar to store boxes of clothes, old toys, excess crockery, drinks crates, garden furniture or tools can immediately see that this proverb holds true.

In many households, bulky items such as car tyres and children’s sledges end up in the garage. However, they are not always easy to store as they are often too heavy or simply too long for a conventional shelf. The usual alternative is “into the corner with you”. When stacking items one on top of the other, however, spacial limits are quickly reached. Large, unwieldy objects as well as flower pots and tools can be highly cumbersome and quickly become dangerous stumbling hazards.

To maintain order, **alfer**® has developed a comprehensive storage range. The **coaxis**® profile system enables you to design customised solutions.

Out of the way – onto the wall

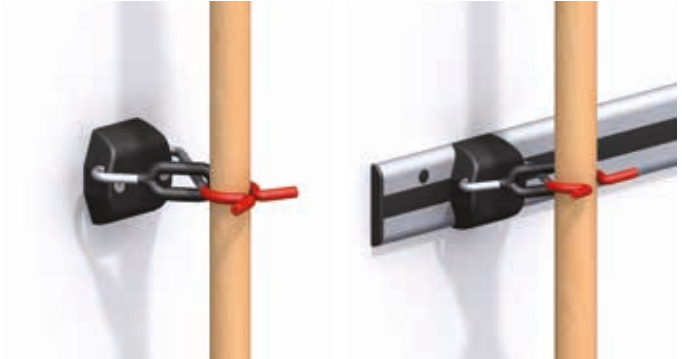


The best way to reliably store leisure and sports equipment without taking up much room is to hang it on the wall. This can be done using several wide **coaxis**[®] profiles, horizontally attached to the wall. This basic frame can also be expanded. For example, two vertically positioned, narrow **coaxis**[®] profiles and shelf brackets create a wall-mounted shelf for paint cans, varnishes, tool boxes etc. Wheel rims and skis hang on special hooks or holders, which are also ideal for storing paintbrushes and brooms as this stops their bristles from bending.

Advantages of the **coaxis**[®] hook system

- Infinitely adjustable system
- Hooks are made from rust-proof and weather-resistant aluminium and can therefore also be used in wet areas and outdoors.
- Galvanised steel hooks
- Excellent stability thanks to the special square profile, which prevents the hook from tipping sideways when attached to the wall or ceiling
- Specially rubber-coated surface for damage-free storage
- All hooks can be combined with the **coaxis**[®] profiles

x-star® – utensil holders with star quality



Type: wall

Type: rail

Advantages of the x-star®

- Ultra-stable with high load capacity (6mm wire)
- Optimum hold thanks to integrated retaining spring and parallel clamping arms
- Compatible with all **coaxis**® system profiles

Wide and narrow **coaxis**[®] profiles



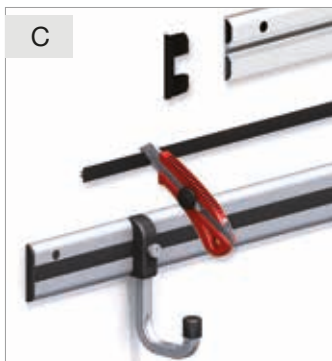
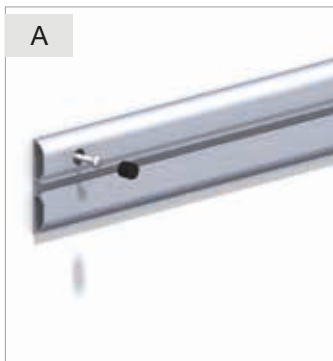
These profiles act as basic rails for the **coaxis**[®] hooks.

Advantages of the wide and narrow **coaxis**[®] profiles

- Profiles fasten to walls, ceilings and floors horizontally, vertically and diagonally
- Infinite positioning of the **coaxis**[®] hooks in the continuous profile slot
- Excellent stability thanks to a double hollow profile
- Easy to install using the drill holes provided
- Available in lengths of 0.5 m, 1.0 m, 1.5 m and 2.0 m

Mounting instructions:

- A** Place the rail on the wall, ceiling or floor, mark and drill the holes, insert the wall plugs, screw in the screws and cover the drill hole with the cap.
- B** Horizontal: push the threaded pin with the square nut into the slot chamber on the rail and pull it into the required position. Affix the hook. Push the 90° fixing over the hook (to prevent it from wobbling) and use the aluminium knurled nut to screw it on tightly. Slide the utensils holder and universal holder into the slot chamber on the rail.
Vertical: the 90° fixing is not required because the guide channels in the **coaxis**[®] profile prevent the hook from wobbling.



- C** Push in the end cap and clip on the cover strip. Use a craft knife or household scissors to cut the cover strip to the size of the gap between the fitted hooks and then clip it onto the slot chamber to prevent this from collecting dirt and to create an extremely attractive overall design.

coaxis® suspension plate



The **coaxis**® suspension plate enables you to quickly and securely hang the narrow or wide **coaxis**® profile from the horizontally mounted wide **coaxis**® profile.

It also makes it possible to effortlessly construct horizontally positioned, infinitely adjustable shelves.

Mounting instructions for the **coaxis**® suspension plate

- A** Place the rail on the wall and mark the drill holes. After drilling the holes and inserting the wall plugs, fasten the rail in position and cover the visible screw heads with the drill hole caps. Before sliding the **coaxis**® suspension plate into place, affix the cylinder head screws and square nuts in the bore holes.
- B** Slide the suspension plate into the slot chamber on the horizontal, wide **coaxis**® profile. Slide the vertical, narrow **coaxis**® profile over the square nuts on the suspension plate and tighten the cylinder head screws with a size 4 Allen key.
- C** Slide the vertical, narrow **coaxis**® profile into the desired position, clip on the cover strip and push in the end cap.



Tip: if mounting the **coaxis**[®] profile makes it no longer possible to push in the square nut on the side, a bore hole of 9.5 mm in the slot can be used to subsequently provide direct access for another hook fastening set.

Aluminium profile hooks



The **alfer** **coaxis** hooks made from weather-proof aluminium can be used to attach all sorts of items to the wall or ceiling. You can find the right hook for every purpose. The straight support prevents the hooks from tipping sideways. The hooks can be fastened on at any point and moved around as required. A suspension plate can be used to vertically hang further rails from the horizontal rail. This keeps everything flexible and freely mobile. The hooks are available with a red or black rubber coating.

Tips and tricks for professionals

The specified load capacity of the hook design equates to a normal load (flat distribution across the whole area of the hook). Depending on the loading method and when using several hooks, higher loads can be achieved. These always depend on how the hooks are fastened to the substrate, however. It is essential to check this before installation as well as to use suitable screws and wall plugs. No liability can be accepted for improper fastening!

Hooks with black caps can be found in our **coaxis**® system. Information about our **coaxis**® system profiles can be found in our product folder.





Wall hook



Wall
flower box holder



Wall hook



Wall hook,
rubber-coated



Wall hook



Wall and
ceiling hook



Wall and ceiling
hooks, rubber-coated



Wall and
ceiling hook



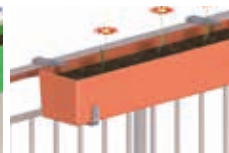
Wall and ceiling
hook, rubber-coated



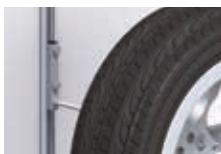
Utensils holder



Flower box holder
with special support



Flower box holder



Support for wheels



Clothes hook

Steel profile hooks



Wall hook



Double hook



Wall hook



Wall hook,
rubber-coated



Utensils holder
hook, galvanised



Wall and ceiling



Wall and ceiling
hook, rubber-coated



T ceiling hook,
galvanised



Universal hook,
galvanised



Universal hook,
rubber-coated



Universal hook,
galvanised



Bucket hooks



Branch hook



Boot hooks



Surfboard bracket



Screw-in wall hook, rubber-coated



Screw-in ceiling hook, rubber-coated



Screw-in utensils hook, rubber-coated



Screw-in bicycle hook, rubber-coated

Utensils supports



Utensils supports with **x-star**® utensils, **coaxis**® profile, wide support type: wall



x-star® utensils support type: rail



x-star® set, rail with utensils support



Utensils support



Ski support

Bicycle stand



The **alfer**® bike stand is made of lightweight, weather-proof aluminium. It is suitable for all bikes, from racing bikes and city bikes to mountain bikes. It comes as a rigid version and as a single or three-piece set. You can attach it to the floor or the wall. The round shape of the support bars help to prevent damage to the wheel rims and tyres.

The universal bicycle holder can also be used to store other bulky items, such as roof boxes, ladders, surfboards etc.



Bicycle hook,
rubber-coated



Wall and ceiling
bicycle hook, rubber-coated



Universal bicycle
hook, rubber-coated



Bicycle stand,
rigid



Bicycle stand,
rigid, 3-part

Shelving brackets



The **alfer**[®] shelving brackets are extremely sturdy and suitable for the heaviest loads. They are made from rust-proof and weather-resistant aluminium and can therefore also be used in wet areas and outdoors. They are available in sizes from 125 mm to 500 mm. Whether in tumble-polished or paint-coated aluminium, suitable shelving brackets can be found for all areas of use.

Tips and tricks for professionals

The specified load capacity of the shelving brackets equates to a normal load (flat distribution across the whole area of the shelving bracket). When using several shelving brackets, higher loads can be achieved accordingly. However, the loads always depend on how the brackets are fastened to the substrate. It is essential to check this before installation as well as to use suitable screws and wall plugs. No liability can be accepted for improper fastening!



Shelving bracket,
heavy cast-aluminium quality

Notes – technical diagrams

Dimensions

The dimensions indicated in this brochure are approximate values and may deviate slightly in either direction.

Product versions

We reserve the right to make modifications in the interest of technical progress and product improvement.

Warranty

As this is an abridged brochure, no liability can be accepted for either individual cases or the reproduction of the models shown.

Colours

The colours depicted may vary slightly from the original products.

Important notice

The following trademarks (®) are registered to **alfer**® aluminium Gesellschaft mbH, D-79793 Wutöschingen :

alfer ®	EU CH CAN GB
alferpro ®	EU
aluvally ®	EU
clipstech ®	EU MEX
coaxis ®	EU MEX
combitech ®	EU CH MEX
ferroplatan ®	EU
logika ®	EU
verando ®	EU CH
x-star ®	EU

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alfer® hardware range



combitech® system · basis

System profiles · metric threaded rods and threaded tubes · system accessories · tool range

combitech® system · connect 23.5 mm

Connect connectors 23.5 mm · system profiles 23.5 mm · system accessories

combitech® system · model construction

Connect connectors 7.5mm · System profiles 7.5 mm · system accessories

logika® profiles · metric threaded rods · expanded metal, smooth, embossed and perforated sheets

combitech® system · sheets, plates and accessories

Plastic panels · smooth, embossed, perforated and expanded sheets · Primatech · Multitube · checker plate profiles · accessories

Profiles for DIY and professional purposes

Standard profiles made from aluminium, brass, plastic, steel, stainless steel
clampline clamping aluminium profiles

Steel profiles



alfer® building material range



Tile edgings

Angle, round, quarter-circle and square tile edgings · tile edgings for steps
LED profiles · joint cover profiles and expansion joint profiles · wet sealing
profiles **clipstech**® system profiles · balcony angle · mats and accessories

Floor and room profiles

Cover and joint cover profiles · edging, level balancing, angle edging and
end profiles · step edging profiles · Edge protecting profiles · Baseboard and
buckling angles

Profiles for parquet, laminate and designer floors

clipstech®, **clipstech**®-vario, **clipstech**®-plus, **clipstech**®-mini, optifloor
and renovation System profiles and accessories · cover, level balancing,
wall edging and edging profiles · Edge profiles, drilled

verando® Decking boards

verando® combines sophisticated design and sustainability.

The weatherproof profiles, mainly made of rice husks, are more durable than
other wood or wood substitute products, they don't splint, crack or swell.



alfer® classification system range



combitech® system · logika®

The logically perforated profile range: **logika®** profiles and **logika®** accessories

combitech® system · coaxis®

The coaxial system profiles: system profiles, accessories and tools · wall and ceiling hooks

Storage range

System rails and accessories · profile hooks, clothes hooks and utensils supports · bicycle stands · shelving brackets · Furniture construction profiles and plant trolley



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aluminium

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