

DATA SHEET  
Reference:  
DS-AL-0923

# Alfresco

## Technical datasheet

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Alfresco Table and Bench

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### ALFRESCO TABLE

PRODUCT CODES	PRODUCT NAME	METAL THICKNESS	WEIGHTS (KG)	KEY DIMENSIONS (Length, width, height in mm)	FIXINGS REQUIRED
241510	Alfresco Table	3mm	43	Depth: 500 Width: 2000** Height: 800 (780 FFL*)	<ul style="list-style-type: none"> <li>Stainless Steel wood screws</li> </ul>
	Alfresco Benches	6mm	38 157 (Overall weight)	Depth: 500 Width: 1500 Height: 470 (450 FFL*)	<ul style="list-style-type: none"> <li>Tek screws used when fixing to floor structure panels</li> </ul>

\* From finished floor

\*\* Table width for legs is 1800mm, total is 2000mm

### APPLICATION

This product serves as a comfortable seating arrangement for six individuals.

It has been meticulously engineered to cater to rooftop terraces, with careful consideration given to factors like weight, assembly, and structural integrity. However, it is not limited solely to rooftop usage; it is equally suitable for ground-level placement.

The benches are securely fastened to the Raaft terrace system using bolts that anchor into the panels beneath, ensuring compliance with all wind uplift regulations.

The utilization of thicker timbers in this design offers enhanced durability and style compared to thinner planks that might have been employed. This choice also contributes to conveying a sense of bespoke design to the users.

Furthermore, aesthetics played a crucial role in the design process, with the resulting Reuleaux shape enhancing the interaction and visual appeal for all individuals seated at the table.



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### INSTALLATION INFORMATION

This product will be installed the same way that all of the other furniture products are installed. This is through the use of a furniture tray being installed (which are 20mm lower than the standard roof trays) then bolting the furniture down onto it and covering the lip with the tiles. For more information, please see our install guide.

### PRODUCT FINISHES

The Finish for this product is recommended to be powder coated, and this is due to CORTENs finish adhering to users clothes and leaving a stain on them. This would be particularly frustrating if the central stanchion had this type of finish.

The woods would naturally be unfinished as they are hardwoods and situated best for outside use. 30mm thickness will also ensure that they have a suitable strength contributing to their longevity through not having to be replaced as often.

If a softwood is used then ROXIL cream will need to be applied so that the wood is much less porous – so much so that the wood can have an increased lifespan of up to 10 years. Currently the only softwood that we use is European Redwood.

Choose from these finishes:



Iroko

Sapele

Oak

RAL

Colours

### SUSTAINABILITY

Alfresco is crafted from two material options: Untreated steel or Stainless Steel, and it boasts 100% recyclability. Consequently, Alfresco stands out for its outstanding whole-life cost, as it is marketed with recycling in mind rather than incurring disposal costs. The primary component in steel production is iron, ranking second only to aluminium in terms of its natural abundance in the Earth's crust. Considering current extraction rates, there exists a sufficient iron supply to sustain production for well over 1000 years.

### STEEL

Mild steel is widely recognized as a sustainable material for several compelling reasons:

#### 1. Longevity and Durability

Mild steel boasts exceptional longevity and durability. When compared to less robust materials, it provides extended service over many years. For instance, while other materials may require annual replacement, using mild steel every five years significantly reduces the environmental impact, as it necessitates less energy for continuous replacement.

#### 2. Versatility

Mild steel offers high versatility in terms of shapes and sizes during production. Its malleability allows it to take on various forms, making it highly adaptable and suitable for a wide range of applications.

#### 3. Recyclability

One of the most significant sustainable advantages of mild steel is its recyclability. While the percentage of recyclable content may vary by type, it typically contains a high percentage of recyclable material. This aligns seamlessly with its versatility, as any surplus steel from manufacturing processes can be repurposed for smaller products or recycled, making it an environmentally friendly metal choice.

#### 4. Absence of Harmful Chemicals

Unlike some other metals, the production of mild steel does not involve the release of harmful chemicals or toxins. This characteristic contributes to its eco-friendliness.

### WOOD

Wood stands out as one of the most sustainable materials available, primarily due to its carbon-neutral life cycle. It can be grown and harvested repeatedly and is entirely recyclable. Some woods may be considered more sustainable than others due to their longer growth periods before harvest. Nevertheless, all wood is 100% renewable. Longer growing times often result in better physical properties, such as increased hardness, strength, and resistance to warping, bending, or bowing.



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### PRODUCT MAINTENANCE

#### STEEL

For the Alfresco, the steel is powder coated. This will require little/no maintenance as there won't be any interaction between this part of the product and the user.

#### WOOD

Currently for all hardwoods we don't supply these with any finish. This is due to their ability to withstand being outside for long periods of time. The softwoods have the ROXIL cream applied, and this will help them to withstand the outdoors much better.

### FIRE PROTECTION

The new building regulations refer only to building elements that are considered to be a 'specific attachment'. And while this includes balconies, cladding and decking, it does not include any external street furniture used on building rooftops.

### PROTECTIVE EQUIPMENT

We recommend that PPE (Personal Protective Equipment) is used when installing the Alfresco:

- a) Good strong safety boots/shoes to protect the feet.
- b) Protective eyewear such as safety glasses.
- c) Strong gloves to protect the hands.
- d) If using loud cutting equipment then ear plugs or defenders should be worn.

### STORAGE AND HANDLING

The product is securely packed and sealed in clear plastic sleeving to ensure no movement of the product in transit. Depending on the size/weight of the consignment this may be palletised.

Whilst there is no specific weight restrictions on what is or is not safe to lift in manual handling, an assessment of the health and safety risks should be undertaken and measures taken to reduce the risk of injury so far as reasonably practicable.

The following guidelines may be useful:

- a) Each person should be fully trained in manual handling techniques.
- b) The use of handling aids such as a trolley, folk-lift, pallet truck or conveyor should be used if moving large volumes of cartons.
- c) Break up large consignments into more manageable loads.
- d) Ensure that the product is stored at a reasonable height, so avoiding the lifting of cartons from floor level or above shoulder height.