# www.planscape.co.uk

# **Alto** Bench

AGILE WORKING





## Alto Bench

With the increase of employers seeking a more diverse, intelligent approach to desking and agile working, Alto was designed to provide an alternative place of working, meeting and collaborating.

2







Inca provides users of communal working areas and meeting rooms with instant access to desktop AC power and USB charging ports.



Today's agile working environment aims to offer employees flexibility, supporting collaborative working.

•

9

Stockholm 67

0

Alto Bench is available on castors, enabling reconfigurable configurations.

45

1055









Suitable for touchdown spaces, Alto Bench is offered at a height of 740mm with or without castors. This height is increased to 747mm when specified with a Solid Oak top.

14













Alto Low Bench provides a surface that complements the surrounding environment delivering in-office meeting areas when partnered with our Bench seating.









# Return Screen.



#### Return Screen.

- Straight dividing screens with rounded corners.
- Screen slides onto the top panel at desired position and can be moved at any time.
  Screens overhangs the front of the bench desktop by 143mm.

743w x 36d x 375h

643w x 36d x 375h

- Group 1-7 fabric band options.

ECSFR6/D

ECSFR5/D

Suitable for 1000mm wide Alto Bench (use 2x to create back to back partition)

Suitable for 1200mm wide Alto Bench

(use 2x to create back to back partition)



## Fabric Choices.

The look and feel of our Alto Bench range can be transformed into a unique piece of furniture by applying different materials, tones and textures to the surrounding seating and screen solutions.

We align ourselves with the leading fabric manufacturers with more than 150 core ranges including Camira, Panaz, Kvadrat and Svensson, incorporating their most responsible ranges with Oeko-Tex® Standard 100, Indoor Advantage<sup>™</sup> Gold, EU Ecolabel and Cradle to Cradle<sup>™</sup> certifications.



# Alto High Bench.

## Alto High Bench Without Castors.

• 25mm MFC, Nanotech and veneer top panels and 32mm solid oak top panels. • Heavy duty 'A' frame legs with cross bracing frame. • Alto Bench with MFC, Nanotech and veneer top panels are supplied 1050mm high with radiused corners. • Alto Bench with solid oak top panels are supplied 1057mm high with 90° corners.

AB28/12	2800mm wide x 1200mm deep x 1050/1057mm high.
AB26/12	2600mm wide x 1200mm deep x 1050/1057mm high.
AB24/12	2400mm wide x 1200mm deep x 1050/1057mm high.
AB22/12	2200mm wide x 1200mm deep x 1050/1057mm high.



## Alto High Bench With Castors.

• 25mm MFC, Nanotech and veneer top panels and 32mm solid oak top panels.

- Heavy duty 'A' frame legs with cross bracing frame.
- 75mm Grey rubber castor with brake.
- Alto Bench with MFC, Nanotech and veneer top panels are supplied 1050mm high with radiused corners. • Alto Bench with solid oak top panels are supplied 1057mm high with 90° corners.

AB28/12/C	2800mm wide x 1200mm deep x 1050/1057mm high.
AB26/12/C	2600mm wide x 1200mm deep x 1050/1057mm high.
AB24/12/C	2400mm wide x 1200mm deep x 1050/1057mm high.
AB22/12/C	2200mm wide x 1200mm deep x 1050/1057mm high.



## Alto Low Bench.



## Alto Low Bench Without Castors.

- 25mm MFC, Nanotech and veneer top panels and 32mm solid oak top panels. • Heavy duty 'A' frame legs.

ABL28/12 ABL26/12 ABL24/12 ABL22/12 ABL20/12 ABL18/12 ABL16/12 ABL16/12 ABL14/12 ABL12/12	2800mm wide x 1200m 2600mm wide x 1200m 2400mm wide x 1200m 2200mm wide x 1200m 2000mm wide x 1200m 1800mm wide x 1200m 1600mm wide x 1200m 1400mm wide x 1200m
ABL28/10 ABL26/10 ABL22/10 ABL22/10 ABL20/10 ABL18/10 ABL16/10 ABL14/10	2800mm wide x 1000n 2600mm wide x 1000n 2400mm wide x 1000n 2200mm wide x 1000n 2000mm wide x 1000n 1800mm wide x 1000m 1600mm wide x 1000m
ABL12/10	1200mm wide x 1000m

#### Alto Low Bench With Castors.

• 25mm MFC, Nanotech and veneer top panels and 32mm solid oak top panels. • Heavy duty 'A' frame legs. • 75mm Grey rubber castor with brake. • Alto Bench with solid oak top panels are supplied 747mm high with 90° corners.

2800mm wid 2600mm wid 2400mm wid 2200mm wid 2000mm wid 1800mm wid 1600mm wid 1400mm wid 1200mm wid
2800mm wid 2600mm wid 2400mm wid 2000mm wid 1800mm wid 1600mm wid 1400mm wid 1200mm wid

· Alto Bench with MFC, Nanotech and veneer top panels are supplied 740mm high with radiused corners. • Alto Bench with solid oak top panels are supplied 747mm high with 90° corners.

> nm deep x 740/747mm high. mm deep x 740/747mm high. nm deep x 740/747mm high.

> mm deep x 740/747mm high. mm deep x 740/747mm high. mm deep x 740/747mm high. nm deep x 740/747mm high. mm deep x 740/747mm high. nm deep x 740/747mm high.

• Alto Bench with MFC, Nanotech and veneer top panels are supplied 740mm high with radiused corners.

de x 1200mm deep x 740/747mm high. le x 1200mm deep x 740/747mm high.

de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. de x 1000mm deep x 740/747mm high. 1200mm wide x 1000mm deep x 740/747mm high.

# Bench Seating.

## Alto Bench Accessories.



## Bench Seating.

• 'A' Frame legs.

Bench Seating with Full Length Seat Pad.

- 25mm MFC, Nanotech and veneer seat panels and 32mm solid oak seat panels.
- Bench seating with MFC, Nanotech and veneer seat panels are supplied 465mm high with radiused corners.
  Bench seating with solid oak seat panels are supplied 472mm high with 90° Corners.

LBS19	1900mm wide x 330mm deep x 465/472mm high.
LBS17	1700mm wide x 330mm deep x 465/472mm high.
LBS15	1500mm wide x 330mm deep x 465/472mm high.
LBS13	1300mm wide x 330mm deep x 465/472mm high.



## • 'A' Frame legs.

- 25mm MFC, Nanotech and veneer seat panels and 32mm solid oak seat panels.
- Bench seating with MFC, Nanotech and veneer seat panels are supplied 495mm high with radiused corners.
- Bench seating with solid oak seat panels are supplied 502mm high with 90° Corners.
- Group 1-7 fabric bands options.

LBS19/FSP	1900mm wide x 330mm deep x 495/502mm high.
LBS17/FSP	1700mm wide x 330mm deep x 495/502mm high.
LBS15/FSP	1500mm wide x 330mm deep x 495/502mm high.
LBS13/FSP	1300mm wide x 330mm deep x 495/502mm high.



#### Bench Seating with Individual Seat Pads.

#### • 'A' Frame legs.

25mm MFC, Nanotech and veneer seat panels and 32mm solid oak seat panels.
Bench seating with MFC, Nanotech and veneer seat panels are supplied 495mm high with radiused corners.
Bench seating with solid oak seat panels are supplied 502mm high with 90° Corners.
Group 1-7 fabric bands options.

LBS19/ISP	
LBS17/ISP	
LBS15/ISP	
LBS13/ISP	

1900mm wide x 330mm deep x 495/502mm high. 1700mm wide x 330mm deep x 495/502mm high. 1500mm wide x 330mm deep x 495/502mm high. 1300mm wide x 330mm deep x 495/502mm high.







## Alto Bench Vertical Cable Riser.

• Single channel vertical cable riser.

BCR	High Bench
BLCR	Low Bench
BCR/C	High Bench
BLCR/C	Low Bench

#### Alto Bench Horizontal Cable Tray.

Single channel horizontal cable tray with cable access grommets.
Tray can be positioned accordingly along cross rail mountings.

BCT28	2000mm W
BCT26	1800mm W
BCT24	1600mm W
BCT22	1400mm W
BCT20	1200mm Wi
BCT18	1000mm W
BCT16	800mm Wie
BCT14	600mm Wie
BCT12	400mm Wie



#### Slinky Cable Riser.

Extendable coil-effect cable riser with weighted base.
Easy installation to the underside of the Alto Bench Cable Tray.

SCR/S	
SCR/B	
SCR/W	

Silver. Black. White.

#### Wieland 2 Gang Socket.

Can be configured to comply with BS 6396.
Manufactured to BS 5733 General requirements for electrical accessories.
Utilises standard 3 pole Wieland GST connections.

- Plastic fire retardant body.
- Supplied pre-fitted with earth lead.
- 4 Gang socket box available.

## Wieland Mains Cable and Plug.

Black cable and plug.
13 amp fused.
Used in conjunction with Wieland 2 Gang Socket Box.

7M	7000mm.
5M	5000mm.
3M	3000mm.
2M	2000mm.

#### Wieland Interconnection Cable.

Black cable.
Male to Female Connectors.
Used in conjunction with Wieland 2 Gang Socket Box.

CL20	2000mm.
CL10	1000mm.
CL5	500mm.





n Cable Riser. Cable Riser.

with Castors Cable Riser. with Castors Cable Riser.

Nide x 100mm Deep x 110mm High (For AB 28 Bench). Vide x 100mm Deep x 110mm High (For AB 26 Bench). Vide x 100mm Deep x 110mm High (For AB 24 Bench). Vide x 100mm Deep x 110mm High (For AB 22 Bench). Vide x 100mm Deep x 110mm High (For AB 20 Bench). Vide x 100mm Deep x 110mm High (For AB 18 Bench). Vide x 100mm Deep x 110mm High (For AB 16 Bench). Vide x 100mm Deep x 110mm High (For AB 14 Bench).



- 2x Cat5e data sockets, includes 3 metre data cable.
- BS6396 compliant.
- Fixing via 430w x 132d aperture.
- Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately. • Available in:

Black body with black trim. Silver body with grey trim. White body with grey trim.

PPMD4

4x Power, 2x Data - 460w x 150d





White Body with Grey Trim.





Conus 2x Gang Boardroom Power Module and 1x Optional Module.

Option 2 - VGA + 3.5mm Audio Connector and 3m Extension. Option 3 - USB Twin Charger (Type A+C). Option 4 - 2x Cat6A. Option 5 - Blank Module Plate.

• 200mm power and connection lead to a Wieland connector.

• Fixing via 230w x 138d aperture.

• Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately.

• Option 3 Requires an additional Wieland Mains Cable and Plug if using Wieland Socket Box. Sold separately.

POW/CON/2P1D

2x Power, 1 Option Module - 255w x 151d

Conus 4x Gang Boardroom Power Module and 2x Optional Modules.

• 4x 3.15 amp individually fused sockets. • Available with 2x optional modules.

> Option 1 - HDMI Module. Option 2 - VGA + 3.5mm Audio Connector and 3m Extension. Option 3 - USB Twin Charger (Type A+C). Option 4 - 2x Cat6A. Option 5 - Blank Module Plate.

• 200mm power and connection lead to a Wieland connector.

- Fixing via 369w x 138d aperture.
- Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately.
- Option 3 Requires an additional Wieland Mains Cable and Plug if using Wieland Socket Box. Sold separately.

POW/CON/4P2D

4x Power, 2x Option Module - 387w x 151d



Black Body with Black Inserts.



Silver Body with Black Inserts.



White Body with Black Inserts.















2x Gang Power Module and 1x Optional Module.

4x Gang Power Module and 2x Optional Modules.

Option 1:	HDMI Module.
	Female facing connection,male connection at
rear.	

VGA + 3.5mm Audio Module. Option 2: Complete with 3m VGA and 3.5mm combined audio extension.

Option 3: USB-A 18W and USB-C 22W Charger Module. Module complete with Wieland connector. • Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately.

Option 4: 2x Cat6A Data Connector Module. Cat6A female connection at front and rear. Cables simply fit in the rear of module.

Option 5: Blank Module Plate. Future modules can be retro-fitted.





## Prime Power and Media Module.

- 2x 3.15 amp individually fused sockets.
- 1x USB twin charger (type A+A).
  200mm power and connection lead to a Wieland connector.
- Fixing via 225w x 60d aperture.
- Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately. • Available in:

Black surround with black inserts. Silver surround with black inserts. White surround with black inserts.

POW/PRI/2P1T

2x Power, 1x USB Twin Charger - Without Cover - 241w x 73d



Black Body with Black Inserts.





White Body with Black Inserts.





Prime Power and Media Module.

Silver Body with Black Inserts.

2x Power, 1x USB Twin Charger - With Cover - 257w x 88d

White Body with Black Inserts.



Matt Grey with Black Inserts.

Matt Black with Grey Inserts.

• Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately.





White

• Requires a Wieland Mains Cable and Plug if connecting directly into a socket. Sold separately.

- 2x Power, 1x USB Twin Charger 140dia x 73h





Glossy White with Grey Inserts.





#### Wireless Charging Receiver.

• Charge smartphones and tablets wirelessly. • Wireless Charging Unit required to support wireless charging. • Lightning output: DC 5V, 1A • Micro USB output: DC 5V, 1A • USB Type C output: DC 5V, 1A • Available in: Silver with black connector.

WCU/WCR

Wireless Charging Receiver - 60dia x 12.7h







Black Glass with Silver Base



White Glass with Silver Base

	Kaspa Power and Media Module.
	Prime Power and Media Module.
	Prime Power and Media Module with Cover.
	Boardroom 2x Gang Power Module.
	Boardroom 4x Gang Power Module.
	Boardroom 2x Gang Power and 2x Data Module.
	Boardroom 4x Gang Power and 2x Data Module.
	Boardroom 2x Gang Power 1x Data and 1x Media Modul
	Boardroom 4x Gang Power 1 Data and 1x Media Module
	Conus 2x Gang Boardroom Power and 1x Optional Mod
	Conus 4x Gang Boardroom Power and 2x Optional Mod
	Escalate Power and Media Module.
	Peak 6 Gang Power and Media Module.
	Peak 8 Gang Power and Media Module.
	Inca Power and Media Module.
	Pluto Power and Media Module.
	Wireless Charging Module.
	Dual Pro Wireless Charging Module.
Alt	

ule. ule

Ū di

#### Alto High Bench Without Castors.

AB28/12 AB26/12 AB24/12 AB22/12	2800mm w x 1200mm d x 1050/1057mm h. 2600mm w x 1200mm d x 1050/1057mm h. 2400mm w x 1200mm d x 1050/1057mm h. 2200mm w x 1200mm d x 1050/1057mm h.								
--	--	--	--	--	--	--	--	--	--

#### Alto High Bench With Castors.

AB28/12/C AB26/12/C AB24/12/C AB22/12/C	2800mm w x 1200mm d x 1050/1057mm h. 2600mm w x 1200mm d x 1050/1057mm h. 2400mm w x 1200mm d x 1050/1057mm h. 2200mm w x 1200mm d x 1050/1057mm h.				



## Alto Low Bench Without Castors.

ABL28/12 2800mm w x 1200mm d x 740/747mm h. ABL26/12 2600mm w x 1200mm d x 740/747mm h. ABL24/12 2400mm w x 1200mm d x 740/747mm h. ABL22/12 2200mm w x 1200mm d x 740/747mm h. ABL22/12 2200mm w x 1200mm d x 740/74/mm h. ABL20/12 2000mm w x 1200mm d x 740/747mm h. ABL18/12 1800mm w x 1200mm d x 740/747mm h. ABL16/12 1600mm w x 1200mm d x 740/747mm h. ABL14/12 1400mm w x 1200mm d x 740/747mm h.

ABL28/10 2800mm w x 1000mm d x 740/747mm h. ABL26/10 2600mm w x 1000mm d x 740/747mm h. ABL24/10 2400mm w x 1000mm d x 740/747mm h. ABL22/10 2200mm w x 1000mm d x 740/747mm h. ABL20/102000mm w x 1000mm d x 740/747mm h. ABL18/10 1800mm w x 1000mm d x 740/747mm h. ABL16/10 1600mm w x 1000mm d x 740/747mm h. ABL14/10 1400mm w x 1000mm d x 740/747mm h. ABL12/10 1200mm w x 1000mm d x 740/747mm h.



#### Alto Low Bench With Castors.

		1	1	E.
ABL28/12/C	2800mm w x 1200mm d x 740/747mm h.	 •	••	þ
ABL26/12/C	2600mm w x 1200mm d x 740/747mm h.	 	<b>∳</b> —•	þ
ABL24/12/C	2400mm w x 1200mm d x 740/747mm h.	 <b>∳</b> (	•—•	þ
ABL22/12/C	2200mm w x 1200mm d x 740/747mm h.	 	<b>∳</b> —(	þ
ABL20/12/C	2000mm w x 1200mm d x 740/747mm h.	 ♦——	•—•	þ
ABL18/12/C	1800mm w x 1200mm d x 740/747mm h.	 	<b>∳</b> —•	þ
ABL16/12/C	1600mm w x 1200mm d x 740/747mm h.	 	<b>∳</b> —(	þ
ABL14/12/C	1400mm w x 1200mm d x 740/747mm h.	 		b
ABL12/12/C	1200mm w x 1200mm d x 740/747mm h.	 <b>∳</b> (	•—•	þ
ABL28/10/C	2800mm w x 1000mm d x 740/747mm h.	 •—•	•—•	þ
ABL26/10/C	2600mm w x 1000mm d x 740/747mm h.	 ♦——	•—•	þ
ABL24/10/C	2400mm w x 1000mm d x 740/747mm h.	 ♦——	<b>∳</b> —•	þ
ABL22/10/C	2200mm w x 1000mm d x 740/747mm h.	 <b>∳</b> (	•—•	þ
ABL20/10/C	2000mm w x 1000mm d x 740/747mm h.	 <b>∳</b> —•	<b>∳</b> —(	þ
ABL18/10/C	1800mm w x 1000mm d x 740/747mm h.	 •—•	•—•	þ
ABL16/10/C	1600mm w x 1000mm d x 740/747mm h.	 •—	•—•	þ
ABL14/10/C	1400mm w x 1000mm d x 740/747mm h.	 •	•—•	þ
ABL12/10/C	1200mm w x 1000mm d x 740/747mm h.	 •—•	•—•	þ
				I

Ő with

Σ

p 0 U 2X

and Media Module and Media Module

ne Power Pov

5

and Media Mo

д

Boardroom 4x Gang Power Module.	Boardroom 2x Gang Power and 2x Data Module.	Boardroom 4x Gang Power and 2x Data Module.	Boardroom 2x Gang Power 1x Data and 1x Media Module.	Boardroom 4x Gang Power 1 Data and 1x Media Module.	Conus 2x Gang Boardroom Power and 1x Optional Module.	Conus 4x Gang Boardroom Power and 2x Optional Module.	Escalate Power and Media Module.	Peak 6 Gang Power and Media Module.	Peak 8 Gang Power and Media Module.	Inca Power and Media Module.	Pluto Power and Media Module.	Wireless Charging Module.	Dual Pro Wireless Charging Module.

# MFC, Nanotech, Veneer and Solid Wood Finishes.



## Dual Board MFC Finishes.



#### Nanotech Finish.



Oak

Veneer Finishes.

#### Contrasting Edging Options.

The finishes below are contrasting edging options for 25mm White Dual Board MFC and Black Matt MDF only.

White Dual Board MFC - Black MFC, Laurentii Wenge MFC & Plywood Effect. Black Matt MDF - Laurentii Wenge MFC & Plywood Effect.





Solid Wood Finish.



Walnut



Solid Oak

# Frame Finish Options.

#### Frame metalwork colours and finishes are available as follows:

Standard Colours: Silver RAL 9006, Black Graphite RAL 9004 and White RAL 9003.

Premium Colours: Praline, Olive Green, Atlantic Blue, Sapphire Blue, Mustard Yellow, Terracotta, Conker Brown, Raw Metalwork and Chrome Effect. (Contact sales for pricing).

## Metalwork Finishes.

## Standard Metal Finishes.

The 3 finishes below are our standard metal finishes.



#### Premium Metal Finishes.

The 9 finishes below are non-standard metalwork finishes. Subject to a 2 week lead time.



Mustard Yellow Terracotta

Our powder-coating line enables components to be colour changed swiftly, maintaining our prompt lead times on products. This includes a three-stage cleaning process, conserving water by recirculating the degreasing chemicals.







Black Graphite (RAL 9004)

White (RAL 9003)



Praline



Olive Green



Atlantic Blue



Sapphire Blue



Mustard Yellow



Terracotta



Conker Brown



Raw Metalwork



Chrome Effect



Sapphire Blue



Raw Metalwork



Chrome Effect



## Dual Board - Superior Melamine Board (MFC).



We are proud to be FSC® certified

The Forest Stewardship Council<sup>®</sup> (FSC<sup>®</sup>)

FSC<sup>®</sup> is a global, not-for-profit organization dedicated to the promotion of responsible forest management worldwide.

FSC<sup>®</sup> defines standards based on agreed principles for responsible forest stewardship that are supported by environmental, social, and economic stakeholders.

FSC® helps take care of forests for future generations.

 $\ensuremath{\mathsf{FSC}}^\circledast$  helps take care of forests and the people and wildlife that call them home.

By choosing these products, you help take care of the world's forests. Learn more: www.fsc.org.



The wood-based panels industry in Europe has established a common classification system for formaldehyde content and emissions, in their own products and standardised testing methods.

The European Standard EN 13986 for E1 classification provides that formaldehyde emissions must not exceed 0.124 mg/m3.

Elite Dual Board MFC complies with the Class E1 requirements, tested in accordance with EN 120 defined in European Standard EN 312:2003.

## Our Plastic Awareness Policy

We adhere to our Circular Economy business model that aims to deliver 100% recyclability.

The use of recycled plastic in place of virgin resin typically results in reduced energy consumption, lower cost, and reduced environmental impact.

Our Alto Bench product permits all plastic components to be recycled through curbside programs. The following illustrates what type of plastic is used and its recyclable properties.

WHAT WE USE	RESIN TYPE	RESIN ID CODE
Alto Bench Construction:		
MFC Panel Edging. Adjustable Levelling Feet. Cable Tray Access Grommets.	Acrylonitrile Butadiene Styrene. Polypropylene. Thermoplastic Elastomers.	(ABS) 9 (PP) 5 (TPE) 7
Packaging Materials:		
Packaging Cling Film.	Low Density Polythene.	(LDPE) 4



# LDPE is not often recycled through curbside programs, but some communities will accept it.

Low Density Polythene (LDPE)

## Polypropylene (PP)

Can be recycled through some curbside programs.



OTHER

## Acrylonitrile-Butadiene-Styrene (ABS)

ABS is recycled by first shredding used plastics to produce shredded plastics. After this step, metals and undesirable plastics are separated from the shredded plastics to produce separated plastics.

#### Thermoplastic Elastomers (TPE) / Thermoplastic Vulcanizate Elastomers (TPV)

Thermoplastic Elastomers can be recycled nearly up to 100%. Due to uncured molecular chains, it is possible to melt down the thermoplastic elastomers again and again. This characteristic turns the Thermoplastic Elastomers back into its manufacturing process.



RESIN IDENTIFICATION CODE

The ASTM International Resin Identification Coding System, often abbreviated as the RIC, is a set of symbols appearing on plastic products that identify the plastic resin out of which the product is made.

The Society of the Plastics Industry introduced the Resin Identification Code (RIC) system in 1988 as a growing number of communities were implementing recycling programs.

In order to address the concerns of recyclers the RIC system was designed to make it easier for workers in materials recovery and recycling facilities to sort and separate items according to their resin type.

Plastics must be recycled separately, with like materials, in order to preserve the material's value and enable its reuse in other products after being recycled.

CLEANING OR MANUFACTURING PURPOSES.

Microbeads are tiny pieces of plastic that are added to everyday products. They are most frequently made of polyethylene but can be of other petrochemical plastics such as polypropylene and polystyrene.

Microbeads are tiny, and may seem harmless, but 100,000 microbeads are washed down the sink with a single application of some products, ending up in the sea and the food chain.



## CMHR Foam: Fire Retardant

Combustion Modified High Resilience foams are used in the manufacturing of Alto Bench based seating products. The seat pad uses the strictest fire code standards.

Foams are tested according to the methods set out in the Furniture and Furnishings Fire Safety Regulations 1988. BS5852 Standards For Commercial Use.

Our foams pass the Crib 5 UK fire test rating (also known as Ignition Source 5).



## CMHR Foam: CertiPUR<sup>®</sup> Certified

The Combustion Modified High Resilience foam used in the manufacturing of the Bench seat pads is CertiPUR® certified. This is an environmental accreditation awarded by Europur. It specifies substances that may not be used in the production of polyurethane foams and sets stringent maximum limits for some components.

Foams that conform to CertiPUR® are notably certified to be made without: Heavy metals, e.g. mercury, lead or cadmium Dyes that are carcinogenic or allergenic as described by EU legislation Phthalate plasticisers

They are also certified for low levels of VOC (volatile organic compound) emissions.



## Accreditations and Achievements

#### Company Accreditations

BS EN ISO 9001:2015 Quality Management Systems.

BS EN ISO 14001:2015 Environmental Management Systems.

BS OHSAS 45001:2018 Occupational Health & Safety Management.

BS EN ISO 50001:2011 Energy Management Systems.

FISP Furniture Industry Sustainability Programme. As part of our Environmental Policy.

FSC® Forest Stewardship Council®. Chain of Custody Certification.

FIRA Furniture Industry Research Association. Affiliated Member.

CIUK Commercial Interiors UK (formerly the BCFA). Affiliated Member.

Valpak The Producer Responsibility Obligations Regulations. (Packaging Waste).

FORS (Bronze Award) The Fleet Operator Recognition Scheme.

RHA Road Haulage Association. Affiliated Member.

#### Furniture Accreditations

BS EN 527-1:2011 Office furniture desking dimensions.

BS EN 527-2:2002 Office furniture desking mechanical safety requirements.

BS EN 527-3:2003 Office furniture desking strength & stability.

BS EN ISO 9241-5:1999 Ergonomics of VDU/TFT screen usage within offices.

BS 4875-7:2006 Strength & stability of shelving. Test level 4 (shelves only).

BS 6396:2008 Office furniture desking electrical systems.

BS EN 13722:2004 Gloss/reflective level testing on furniture surfaces.

BS EN 14073-2:2004 Strength & rigidity testing of storage furniture part 2.

BS EN 14073-3:2004 Strength & rigidity testing of storage furniture part 3.

BS EN 14074:2004 Endurance & stability testing of storage furniture.

BS EN 14322:2017 Definition, requirements & classification of wood based panels. (Elite Dual Board).

BS EN 15372:2008 level 2 Standard and folding tables structurally suitable and stable for general contract use.

UNE-EN 14323:2004 Dual Board resistance to scratching, cracking and staining.







#### **Dividing Screen Accreditations**

BS 476-7:1987 Flammability test for Screens (Class 2).

BS EN 1023-1:1997 Office furniture screens, dimensions.

BS EN 1023-2:2000 Office furniture screens, mechanical safety requirements.

BS EN 1023-3:2000 Office furniture screens, test methods.

BS EN 9241-5 Gloss Level - surface reflectance (Screens).

EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements. Part 1.

BS EN 13823:2010+A1:2014 Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item.

BS EN ISO 11925-2:2010 Reaction to fire tests. Ignitability of products subjected to direct impingement of flame. Single-flame source test.

BS EN ISO 1182:2002 Reaction to fire tests for building products. Non-combustibility test.

BS EN ISO 1716:2018 Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value).

BS EN 12667:2001 Thermal performance of building materials and products. Determination of thermal resistance by means of guarded hot plate and heat flow meter methods. Products of high and medium thermal resistance.

#### Seating Accreditations

BS EN 1022:2015 & 2020 Seating, determination of stability.

BS EN 1335-1 + BS EN 1335-2 + BS EN 1335-3 Office work chairs safety test methods.

EN 1728:2012 + AC:2013 Seat & Back Static Load Test & Durability. Front & Back Fatigue Test & Impact Test.

BS EN 5852 Part 2: 1982 Ignition source 5 (Crib 5) Fire Retardancy. CertiPUR certified foam.

BS EN 5459-2: 2000+A2:2008 Office seating for use by person weighing up to 150kg and for use upto 24 hours a day.

BS EN 13761:2002 Visitor Chairs – Dimensions & Safety Requirements.

BS EN 15373:2007 level 2 Seating strength, durability and safety. Requirements for non-domestic seating.

BS EN 16139:2015 4 legged & cantilever seating, strength, durability and safety requirements.

EN 1728/2000 & 2015 Domestic furniture. Seating. Test methods for the determination of strength and durability.

BS EN 10025:1993 Specification for hot rolled products of non-alloy structural steels and their technical delivery conditions. Applicable to all chrome plated parts.

ANSI/BIFMA X5.1-2002 International testing certificate for office chairs. Sections:08,11,13,14,16 and 18.

ANSI/BIFMA X5.1-2011 International testing certificate for office chairs. Sections:05,11.3,13,14 and 15.

TUV Eco-Circle 2008 Tested for recyclable content, harmful substances, energy saving & ergonomic design.

NEOCON Silver Award Winner 2013 Chicago, USA.