

INTERIOR ACOUSTICS WORKSTATION



 **WORKSTATION**
COLOUR: STATELY



WORKSTATION

Employ greater flexibility in commercial design with Autex's Workstation; a Vertiface® covered polyester panel that combines superior noise absorption with unique finishing options.

Durable and lightweight, Workstation can be used in a wide array of commercial applications, including office dividers and partitions, sustainable furniture and as a creative medium for sound absorbing feature pieces. Workstation will help increase privacy in open offices, reduce reverberated sound and assist in controlling background chatter noise; creating a private, comfortable and functioning workplace environment.

With the ability to custom print and cut, the bright and clean colours of Workstation can inspire unique designs and creative solutions where functionality and aesthetics are crucial.

APPLICATIONS

- Decorative and functional acoustic wallcovering for education, retail and commercial interiors
- Base material for office privacy screens
- Acoustic pinboard surface for the education and commercial sectors
- Modular room divider for display, privacy and sound absorption

SPECIFICATION

(Wall) (Partition) treatment shall be Autex Workstation from thermally bonded polyester containing not less than 55% recycled material as manufactured by Autex. www.autexindustries.com

Panel 1200 x 2400 x (L)mm (nom.) depth, colour (L), sound absorption α_{mm} :
Class E, NRC 0.20 – with 24mm air gap: Class D, NRC 0.50. 12mm: Class D,
NRC 0.45 – with 24mm air gap: Class C, NRC 0.70. Fire rating: ISO
9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, EN13501-
1:2007+A1:2009: Classification: B - s1, d2

Install as per Autex recommendations.

If Workstation is to be specified for use other than as a wallcovering or partition,
please seek guidance from your Autex Account Manager.





ABSORPTION COEFFICIENT ACCORDING TO ISO 354.

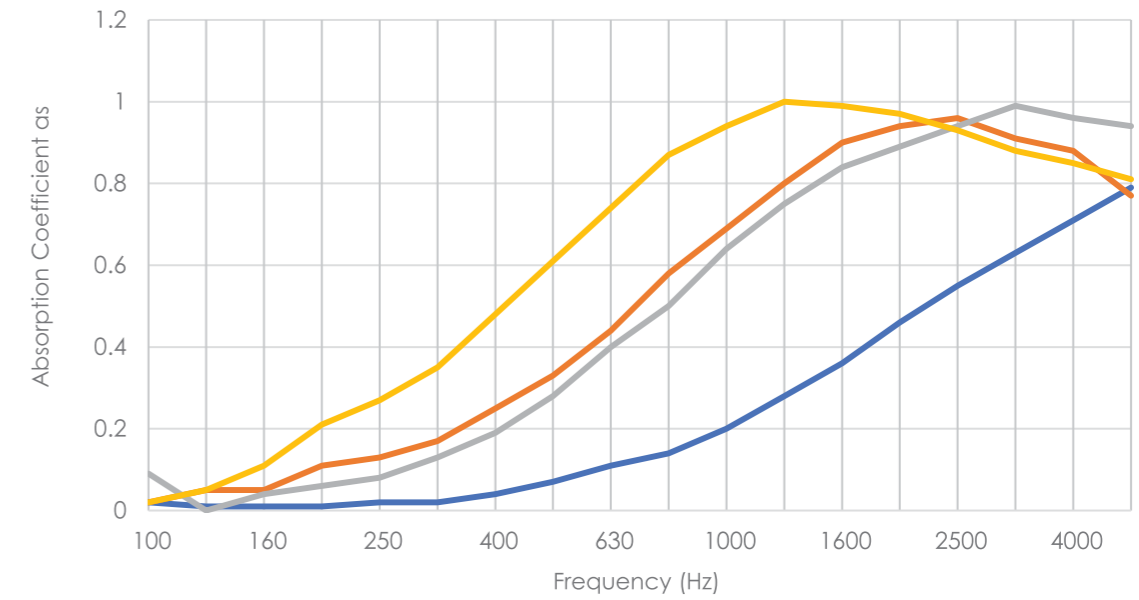


Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (According to ISO 354 Measurement of sound absorption in a reverberation room.) The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

DESCRIPTION	University of Auckland Test report number	FREQUENCY (Hz)						NRC
		125	250	500	1000	2000	4000	
Workstation 6mm	T0712-1	0.00	0.00	0.05	0.20	0.45	0.70	0.20
Workstation 6mm 25mm Airgap	T0712-7	0.05	0.15	0.35	0.70	0.95	0.85	0.50
Workstation 12mm	T0712-3	0.05	0.10	0.30	0.65	0.90	0.95	0.45
Workstation 12mm 25mm Airgap	T0712-6	0.05	0.30	0.60	0.95	0.95	0.85	0.70

PRODUCT SPECIFICATIONS

Product Name	Workstation	
Composition	100% Polyester Fibre	
Panel Dimensions	1220mm x 2440mm	
Tolerance	(+5mm) x (+10mm)	
Thickness	6mm	12mm
Tolerance	(+/- 6%)	(+/- 6%)
Weight	1680 GSM	2980 GSM

INSTALLATION

Install as per Autex recommendations. Install instructions are included in each pack or available on the website.

FIRE RATINGS

Workstation has been evaluated using the following test methods

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGR_{Arc}): <100m²/s²

Assessed using methodology AS ISO 9705 - 2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4 FI 4974 dated 16th September, 2012
FAR 4055-2 dated 8th October, 2013

EN13501-1:2007+A1:2009

B - s1, d2

Report WF 336911 dated 25th February, 2014 (12mm Workstation)
Report WF 336913 dated 19th March, 2014 (6mm Workstation)

ASTM E-84-14

Class A, FS:0 - SD:10

RJ3297-10R1 dated 17th March, 2015 (12mm Workstation)

VOC EMISSIONS

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered as a low VOC product. VOC concentration: 0.009 mg/m³ (7 days)

WATER VAPOUR SORPTION

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapour absorbed and adsorbed after 4 days: 0.4% by weight.

MICROBIAL RESISTANCE

ASTM G21-15

Growth Rating: 0 (No growth)

Workstation does not promote the growth of moulds and mildew.

COLOUR FASTNESS TO LIGHT

Workstation is suitable for indoor use only. Light fastness is dependent on use and exposure.

Workstation has been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

COLOUR FASTNESS TO RUBBING

ISO 105-X12:2016

Dry Rating: 4-5 (Highest = 5)

Wet Rating: 4-5 (Highest = 5)

ACOUSTIC PERFORMANCE

Workstation is specifically designed to reduce and control reverberated noise (echo) in building interiors.

PATTERN REPEAT

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.

FABRIC CARE

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

Custom printed Workstation requires the services of a specialist cleaning company. Refer to the Workstation Cleaning and Maintenance Guide for more information.

ENVIRONMENTAL

Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

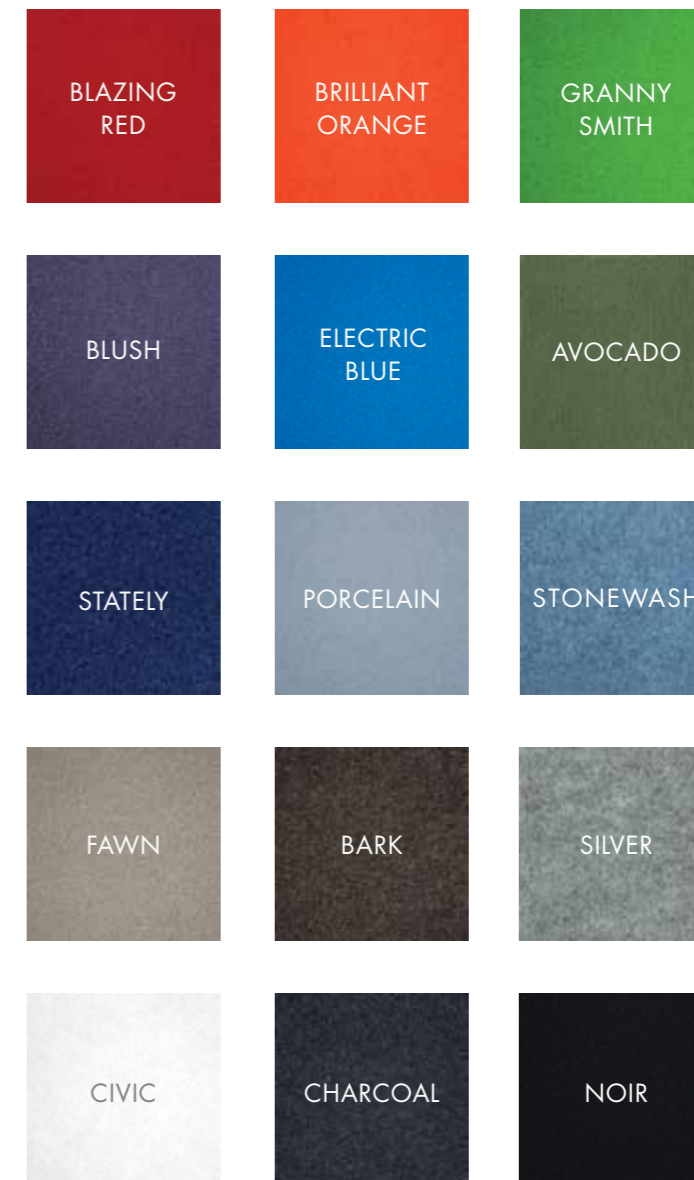
Autex Workstation contains a minimum of 55% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Autex Workstation is manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

SERVICE

For further information about Workstation or any other Autex product, please contact your Autex account manager or visit our website.

COLOUR OPTIONS



MOQ's apply to some colours. To find out more, or to order a sample, please contact your Account Manager or visit our website.



CARING FOR THE ENVIRONMENT

Workstation is manufactured using 100% polyester fibre and contains a minimum of 55% previously recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too.

We use Life Cycle Analysis (LCA) to understand the environmental impacts of our products and set targets to reduce these. All our products have been verified as low VOC and are free from chemical binders making them great for indoor environmental quality (IEQ).

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, LCARate Gold and PHD level platinum certified. Workstation is Declare certified to be Red List free and can be used in Living Building Challenge projects. Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.



Declare.



**Autex Acoustics
Asia Sdn. Bhd**
03-05, Indah Walk 3,
Jalan Indah 15,
Taman Bukit Indah,
79100, Iskandar Puteri,
Johor

www.autexacoustics.asia

Autex Industries Ltd
702-718 Rosebank Rd,
Private Bag 19988,
Avondale 1746, Auckland,
New Zealand
Freephone **0800 428 839**
Phone **+64 9 828 9179**
Fax **+64 9 828 5810**

www.autex.co.nz

Autex Australia Pty Ltd
166 Barnfield Road,
PO Box 5099,
West Heidelberg, Melbourne,
VIC 3081, Australia
Freephone **1800 678 160**
Phone **+61 3 9457 6700**
Fax **+61 3 9457 1020**

www.autex.com.au

Autex Acoustics Ltd
Unit J4, Lowfields Way,
Lowfields Business Park,
Elland, West Yorkshire,
Hx5 9Da,
United Kingdom
Phone **+44 (0) 1422 418899**

www.autexacoustics.co.uk

Autex Acoustics LLC
19350 Van Ness Avenue
Torrance, CA 90501
United States of America
Phone **+1(310)490-1591**

www.autexacoustics.com