



**SOUND COMFORT,  
SOUND CONTROL,  
SOUND TUNING:  
FOR YOUR EARS AND EYES**



The latest European ISO 22955 standard (as at September 2021) requires a reduction in sound levels of 4Db in the office work environment. **AcoustiX Comfort** significantly exceeds this requirement.

Desk Screens | Wall Panels | Ceiling Rafts | Ceiling Baffles | Meeting Spaces

## **ACOUSTIX COMFORT BAFFLES**

Our sense of hearing encompasses our experience of the sound of places: Noise level, echoes, reverberation, conversation and the company of others.



## **ACOUSTIX COMFORT WALL PANELS**

Uncomfortable sound environments cost us in terms of well-being, productivity, concentration, stress and employee satisfaction.

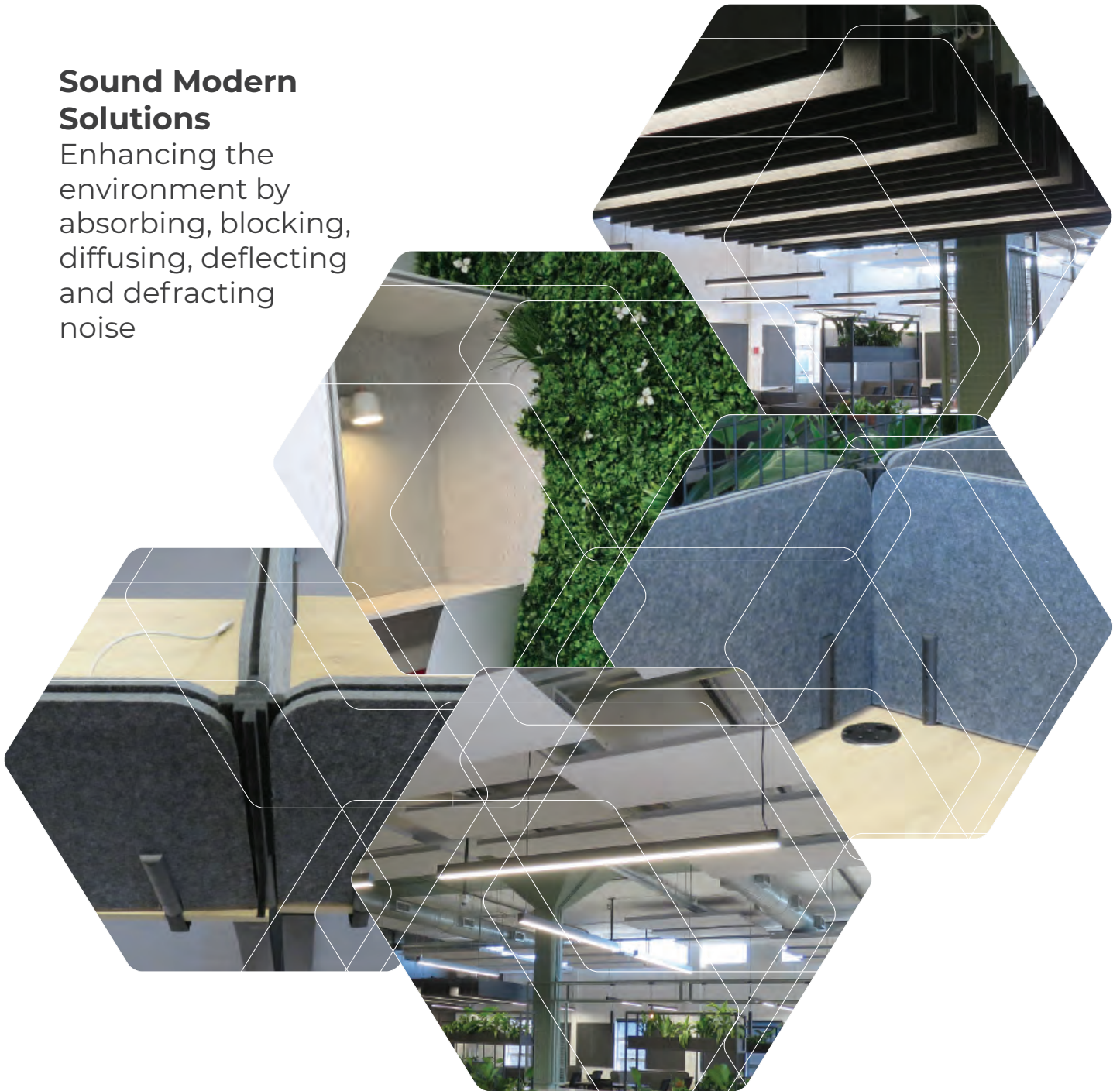
## **ACOUSTIX COMFORT SCREENS**

AcoustiX Comfort products create greater acoustic contentment in the workplace and in the health care, education, hospitality, public, industrial, manufacturing and residential sectors.

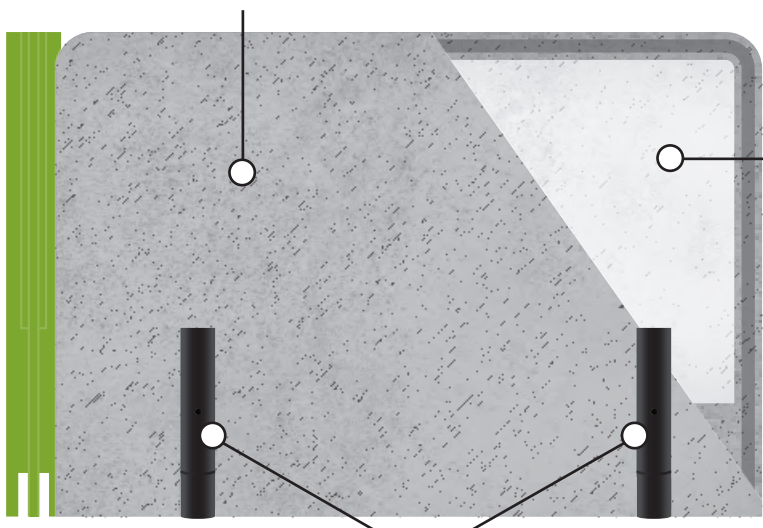


# Sound Modern Solutions

Enhancing the environment by absorbing, blocking, diffusing, deflecting and refracting noise



**OUTER WALLS:**  
AcoustiX 9mm PET board



**BRACKETS**

**ENCAPSULATED INNER:**  
Specially formulated sound effective composite tuned materials



**9 LAYER  
ENCAPSULATED INNER**

# BULLET BRACKETS

Made from recyclable plastic, bullet brackets are available with a standard base attachment or desk clamps.

The brackets are 150mm X 27mm to hold the AcoustiX material.

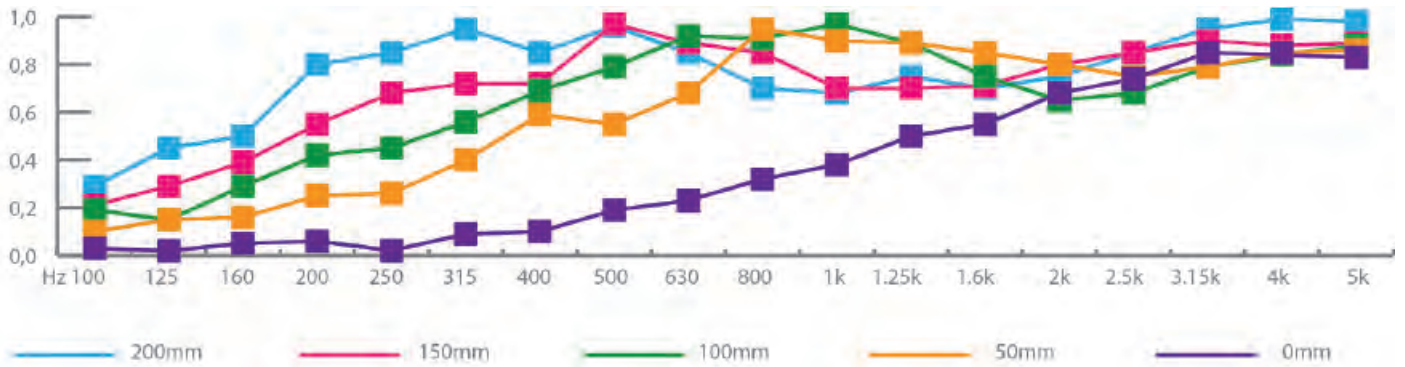
The Bullet brackets come in three colours: black, white and silver.



**Flat & Desk  
Clamp Brackets**  
Flexible attachment  
positions



**IDEAL SOUND ABSORBING EFFECT**



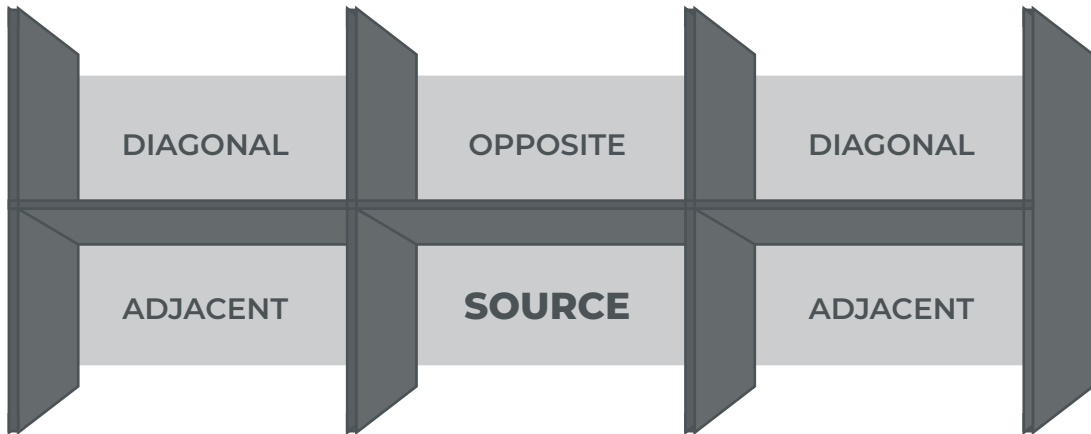
# LEVELS OF NOISE

In decibels (dB)

PAINFUL AND DANGEROUS	UNCOMFORTABLE	VERY LOUD	LOUD	MODERATE	SOFT	FAINT
Use hearing protection or avoid	Dangerous over 30 seconds	Over 80dB for extended periods can cause permanent hearing loss				
<b>140</b> <ul style="list-style-type: none"> <li>• Fireworks</li> <li>• Gun shots</li> <li>• Custom car stereos (at full volume)</li> </ul>	<b>120</b> <ul style="list-style-type: none"> <li>• Jet planes (during take off)</li> </ul>	<b>110</b> <ul style="list-style-type: none"> <li>• Concerts (any genre of music)</li> <li>• Car horns</li> <li>• Sporting events</li> </ul>	<b>80</b> <ul style="list-style-type: none"> <li>• Alarm clocks</li> </ul>	<b>60</b> <ul style="list-style-type: none"> <li>• Normal conversation</li> <li>• Dishwashers</li> </ul>	<b>40</b> <ul style="list-style-type: none"> <li>• Quiet library</li> </ul>	<b>20</b> <ul style="list-style-type: none"> <li>• Leaves rustling</li> </ul>
<b>130</b> <ul style="list-style-type: none"> <li>• Jackhammers</li> <li>• Ambulances</li> </ul>		<b>100</b> <ul style="list-style-type: none"> <li>• Snowmobiles</li> <li>• MP3 players (at full volume)</li> </ul>	<b>70</b> <ul style="list-style-type: none"> <li>• Traffic</li> <li>• Vacuums</li> </ul>	<b>50</b> <ul style="list-style-type: none"> <li>• Moderate rainfall</li> </ul>	<b>30</b> <ul style="list-style-type: none"> <li>• Whisper</li> </ul>	
		<b>90</b> <ul style="list-style-type: none"> <li>• Lawnmowers</li> <li>• Power tools</li> <li>• Blenders</li> <li>• Hair dryers</li> </ul>				

# DESK DIVIDER: SOUND ATTENUATION TEST

**Purpose:** To evaluate the inter-workstation attenuation (ISO22955  $D_{A,S}$ ) performance of the 27mm AcoustiX Comfort Desk Divider (vertical partition)



SOURCE	REDUCTION IN SOUND LEVEL ( $D_{A,S}$ )		
TEST TYPE	OPPOSITE	DIAGONAL	ADJACENT
Male Voice	6.37dB	11.50dB	8.73dB
Female Voice	7.30dB	11.33dB	9.27dB

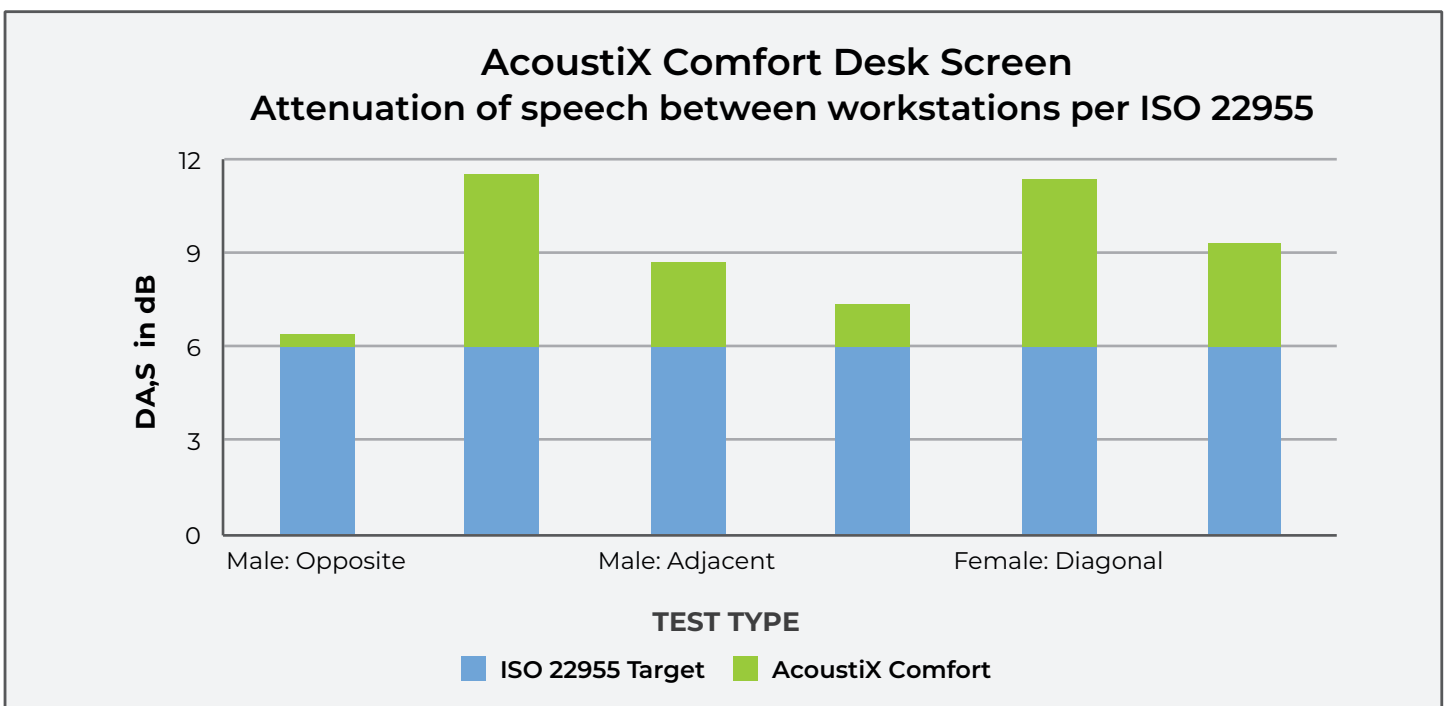
<b>Sample composition</b>	2x 9mm PET board separated by a 9mm acoustic in-filled
<b>Sizes:</b>	1300x400mm (front), 700x400mm (sides)

<b>Arrangement:</b>	2 rows of 3 desk workstations sharing common boundaries. Desk surface smooth wood.
<b>Test method:</b>	ISO22955: 2021, A.1 and A.2

<b>Test equipment:</b>	iSEM EMX-7150, Focusrite Scarlet 2i2 Gen 3, ARTA, SONY XB31
<b>Test signals:</b>	IEC 60268 - 16:2011, Pseudo Random noise sources

## ISO 22955 $D_{A,S}$ Guidelines:

- Call centres:  $\geq 6$ dB
- Normal open plan offices high collaboration:  $\geq 4$ dB
- Normal open plan offices low collaboration:  $\geq 6$ dB
- Working with the public:  $\geq 6$ dB



Available in all these colours and any combination thereof



Grape  
BZ59\*



Blue  
BZ25\*



Navy  
BZ19\*



Yellow  
BZ05\*



Orange  
BZ46\*



Light Grey  
BZ11\*



Charcoal  
BZ03\*



Light Green  
BZ43\*



Apple Green  
BZ51\*



Red  
BZ08\*



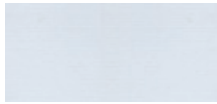
Warm Cream  
BZ04\*



Black  
BZ13\*



Medium Grey  
BZ36\*



White  
BZ07\*



Beige  
BZ12\*



Teal  
1921\*

AcoustiX Comfort has the following properties



Recyclable



Eco Friendly



Long Lasting



Fire Retardant



Moisture Proof



Sound Absorption



Cost Effective



Customisable



Light Weight



Anti Mildew

AcoustiX  
Comfort is  
Certified for:



Recycled  
Content  
Certificate



ISO 9001  
Manufacturing  
Standard



OEKO-TEX®  
Confidence in  
Textiles



SGS  
Fire  
Retardancy



SGS  
Sound  
Absorption



AcoustiX  
Comfort Sound  
Test Result



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