

Ridged Acoustic

Thermoform Acoustic Panel Infosheet



Ridged Acoustic Panels

“ Ridged acoustic are a range of thermoform panels that are sustainably processed and molded to create chic ridged 3D patterns that looks purposefully dynamic to visually enhance any space whilst providing its practicability with the material used.



FEATURES

- Excellent acoustic performance
- Environmentally conscious product
- Low VOC and non-toxic
- A wide range of designs and colours
- Easily retrofitted to existing spaces
- Lightweight and easy onsite handling
- Improving internal environment by lowering reverberation and background noise
- Acts as a feature element or a subtle backdrop

Ridged Acoustic

Product Specifications

Specifications

Product Name: Thermoform Acoustic Panels

Composition: 100% Polyester
(min50% +/-) recycled PET fiber.
Made of plastic bottle.

Dimensions: Varies. Refer to Specification Sheet.

Flame Spread and Smoke Development Test Data

ASTM E84 (Class A or Class 1)
EN ISO 13501-1 (b-s1, d0)
EN ISO 1195-2 compliant

Emission

Carving Acoustics has been tested for chemical emissions in accordance with AS/NZS4266.16.2004 and is considered as a low VOC product. Formaldehyde not detected, ROHS free.

Thermal Resistance

0.219(m²-K)/W;
EN 12667:2001

Thermal Conductivity

0.041 W/(mK-);
EN 12667:2001

Environmental

No VOCs
GreenTag Certified, LEEDS criteria
Approximately 50% of which is recycled water/soda bottle.
Off-cuts and manufacturing waste are re-used or recycled wherever possible.
Manufactured without use of formaldehydes, adhesives or other bonding agents.

Pattern Repeat

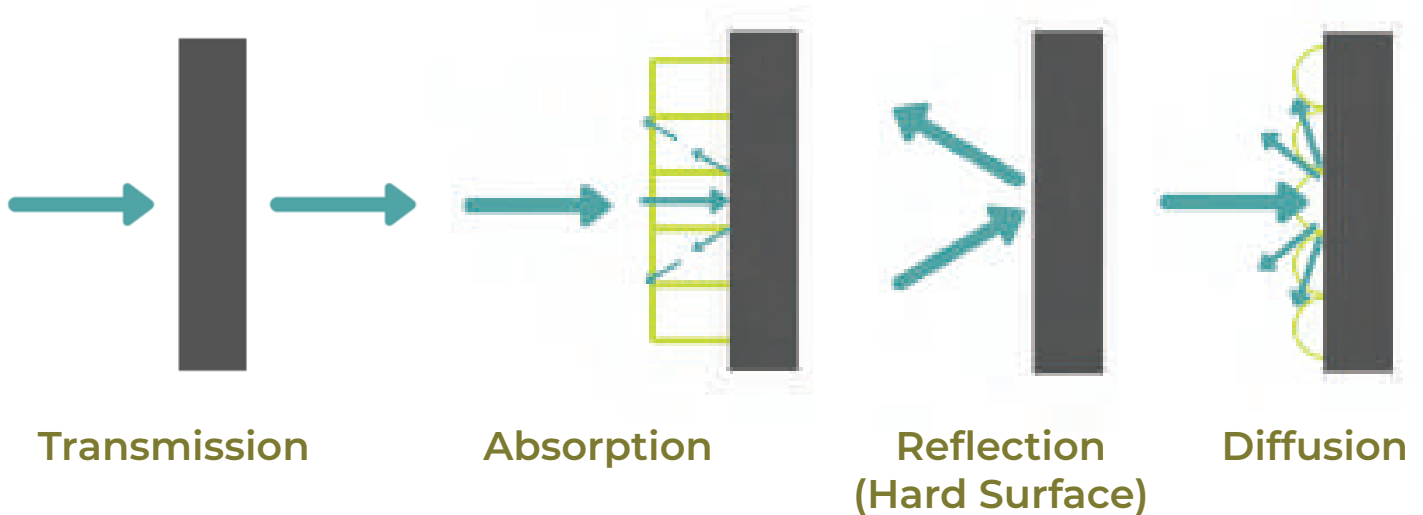
Non-woven. No pattern repeat but product has directional grain.
Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.



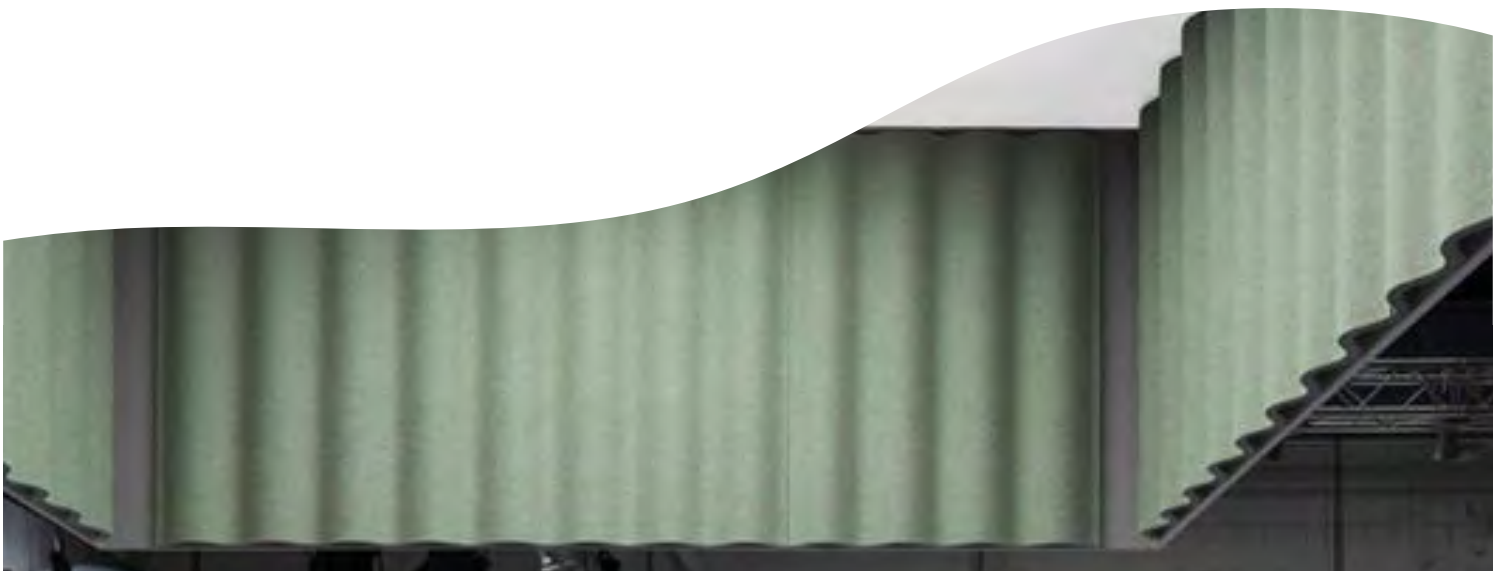
RIDGED Acoustic

Absorption Information

SOUND INTERACTION WITH SURFACE



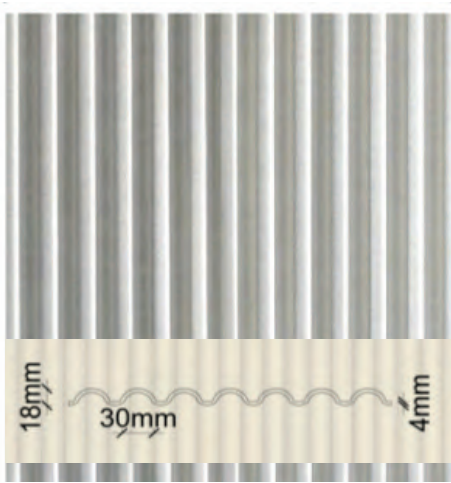
Many types of room reflection are factors that affects sound systems. Any kind of reflection off a hard surface may even be almost as loud as how it originally sounded. The most common way to manage undesired sound reflections is through the use of sound-absorbing material. The beauty of these thermoform acoustic is that it serves as an absorptive and diffusive surface, in which it doesn't directly reflect or absorb the sound but spreading it evenly towards many directions in a given environment instead.



RIDGED ACOUSTIC RANGE

Series & Specification

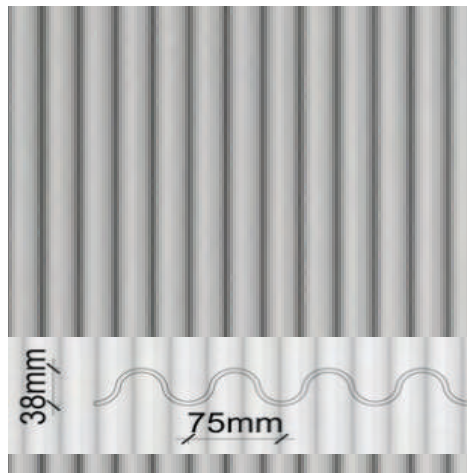
Wave



CH-06Y

Dimension: 1058mm x 2800mm
Thickness: 18mm

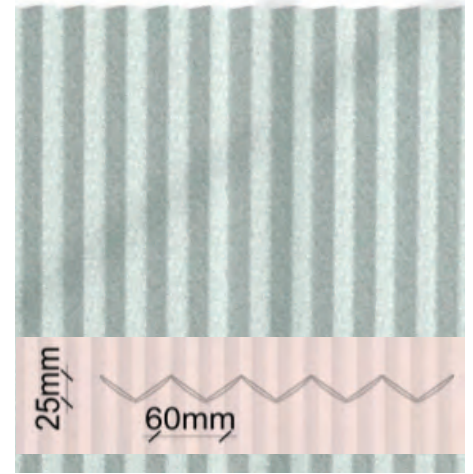
Swurve



CH-05P

Dimension: 820mm x 2400mm
Thickness: 38mm

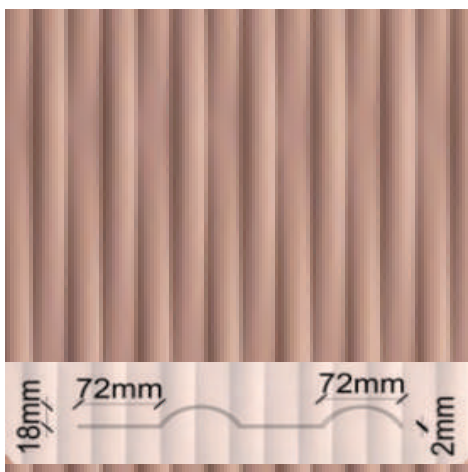
Jag



CH-23Y

Dimension: 1058mm x 2800mm
Thickness: 25mm

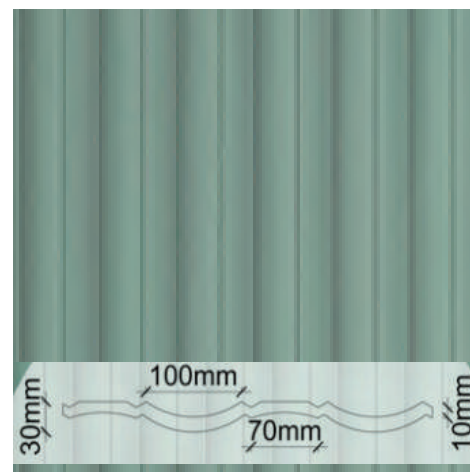
Flows



CH-21Y

Dimension: 1150mm x 2800mm
Thickness: 18mm

Alt

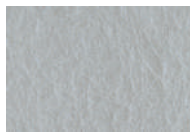


CH-22Y

Dimension: 1150mm x 2800mm
Thickness: 30mm

Colour Collection

Standard Selection



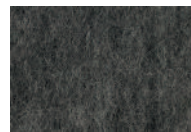
T01 WHITE



T03 SILVER GREY



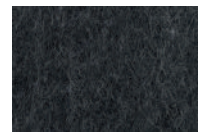
T02 WATER GREY



T04 MOON GREY



A05 ASH



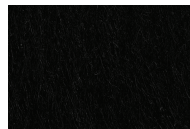
T17 AFRICAN GREY



T19 DARK GREY



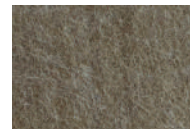
T18 SESAME BLACK



T20 JET BLACK



T25 BEIGE



T26 MOCHA



YH639 SPESH GREY

Selection for MOQ.



T33 CREAM



T28 DARK BROWN



T27 LIGHT BROWN



YH602 BUMBLE YELLOW



T06 YELLOW



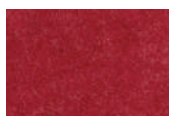
T07 ORANGE



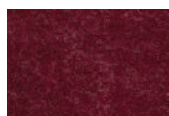
T35 GOLD BRONZE



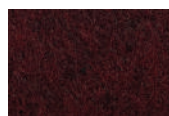
CBH87 SALMON



T31 KISS RED



T32 DARK RED



A32 CHERRY



T29 ROSE RED



T30 PURPLE



A08 DENIM



T36 DEEP BLUE



T23 SKY BLUE



T22 BLUE



T21 LIGHT BLUE



T24 DARK BLUE



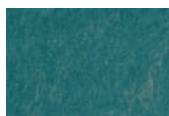
T14 BLUE CAMEL



YH641 PREEN BLUE



T37 TEAL



T13 GREEN CAMEL



YH19 AQUA



YH640 WANE GREEN



T11 GRASS GREEN



T09 FRUIT GREEN



A48 LIME



T12 DARK GREEN



A47 AVOCADO



YH614 NEON GREEN

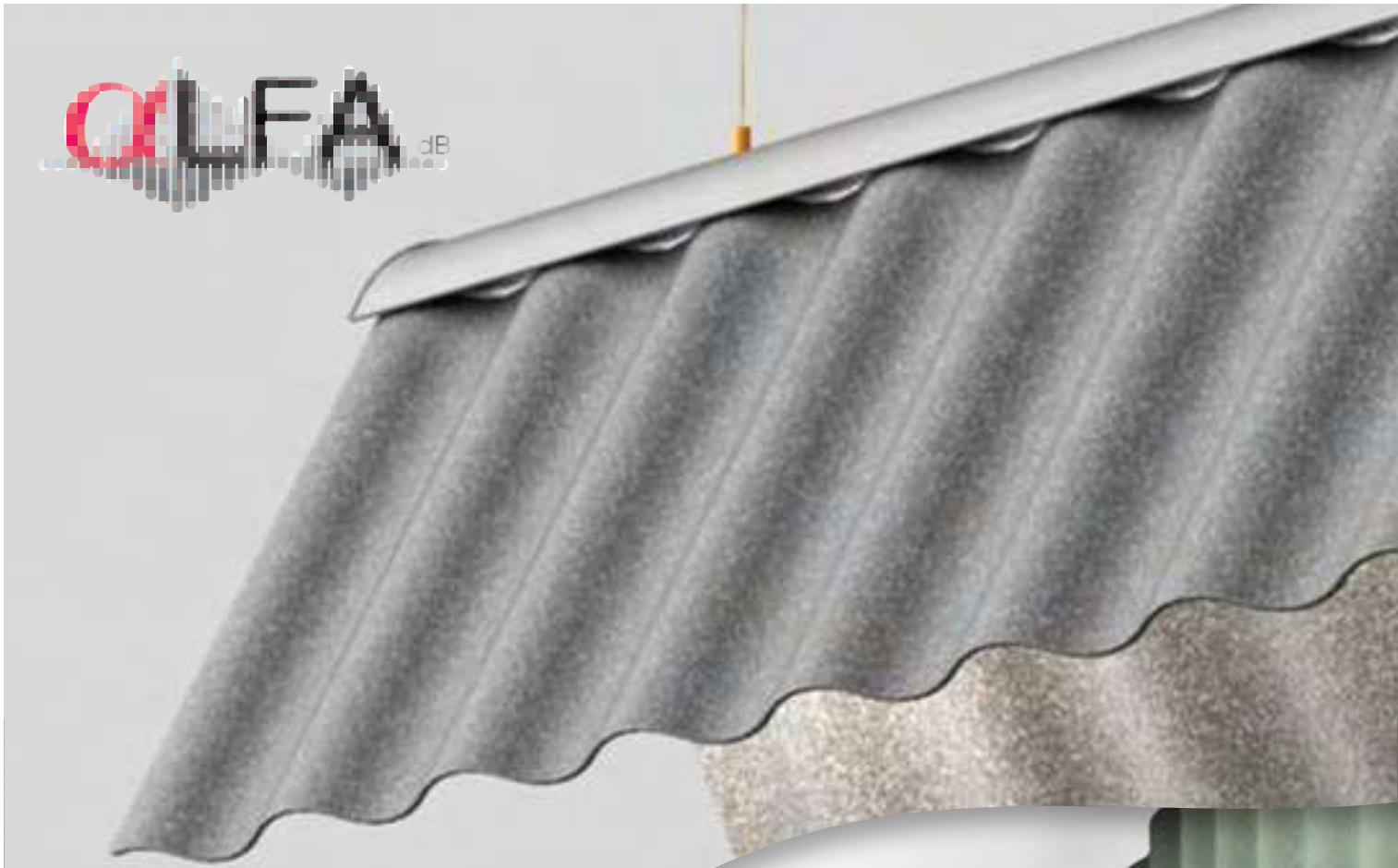
Actual colour may vary, please request for updated colour samples of **estic** panels. Contact our design team for custom applications or visit our website at www.alfadb.net.



Ridged Acoustic Panel

A wide range of possibility available, We have collated the best designs you can choose from that best suit your preferences in creating a private space that gives you an acoustic application that performs exceptionally well and looks great for your space too.





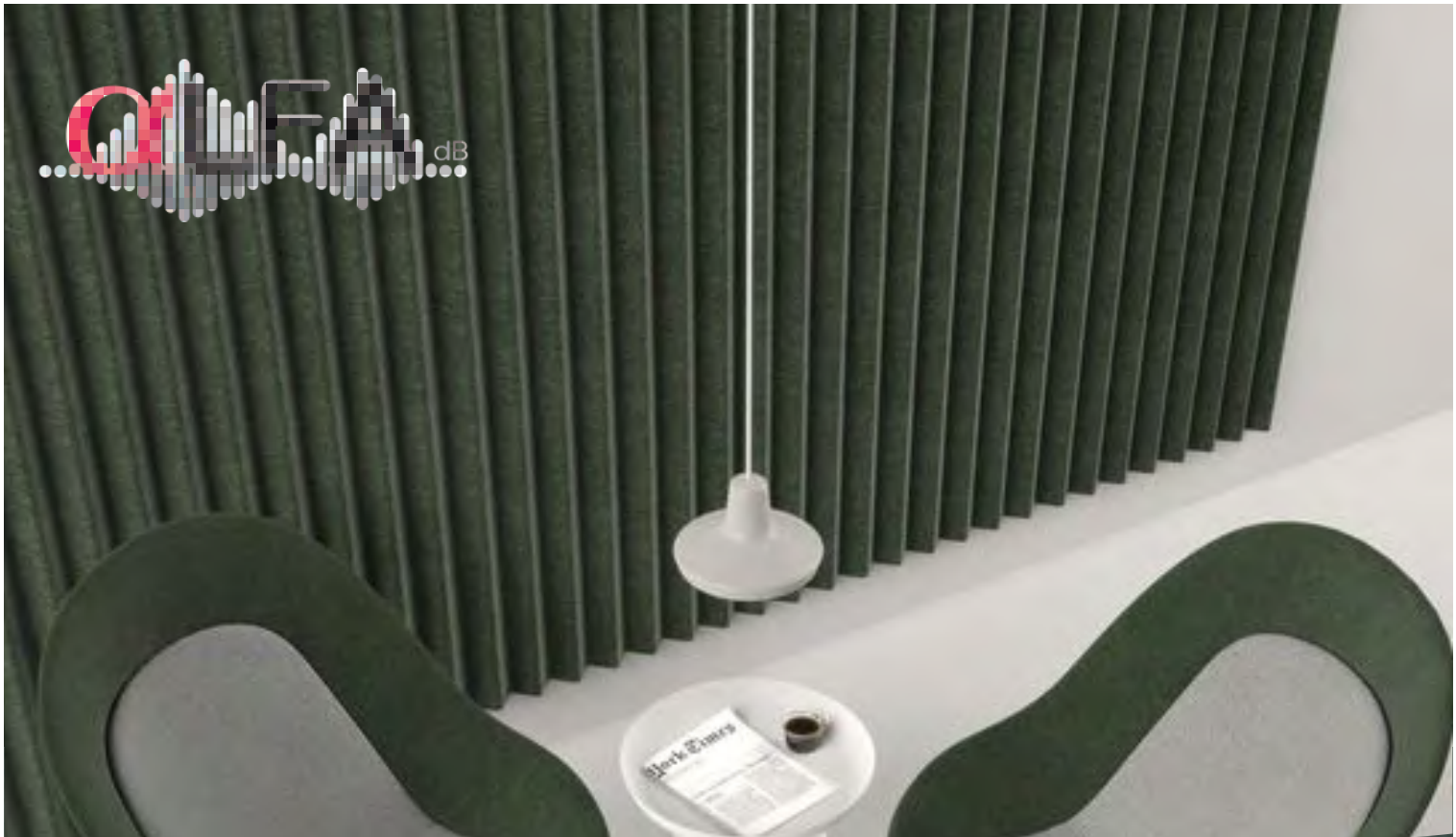
Wave Series
Ridged Acoustic Panel

ALFA



Wave Series

Ridged Acoustic Panel



Jag Series
Ridged Acoustic Panel



Jag Series
Ridged Acoustic Panel

Get in touch with us



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