

FISHBONE

Product Code: TLS790

Specification

- Composition: 100 % polyester (recycled PET appx. 50 %)
- Material Weight: 6mm: 1300g/m² (+/- 5%)
12mm: 2600g/m² (+/- 5%)
- Material Thickness: 6mm / 12mm Natural & Mandarin colors (+/- 10 %)
- Product Weight:
120x240cm: 6mm / Natural: 3,70 kg per pcs. (+/- 5%)
6mm / Mandarin: kg per pcs. (+/- 5%)
120x240cm: 12mm / Natural: 8,20 kg per pcs. (+/- 5%)
12mm / Mandarin: kg per pcs. (+/- 5%)

Performance

- Acoustic Rates: 6mm Natural: 0.70 NRC (EN-11654)
6mm Mandarin: 0.25 NRC (EN-11654)
6mm Natural + Feltfill: 0.80 NRC (EN-11654)
6mm Mandarin + Feltfill: 0.95 NRC (EN-11654)
12mm Natural: 0.40 NRC (EN-11654)
12mm Mandarin: 0.90 NRC (EN-11654)
12mm Natural + Feltfill: 1.00 NRC (EN-11654)
12mm Mandarin + Feltfill: 1.00 NRC (EN-11654)
- Fire Rates: B, S1, d0 (EN-13501)
- Light fastness: 6+ (ISO-105 B02)
- MAS Certified Green - CDPH Standard Method v1.2
Low VOC / Eligible for LEED v4
- Health : 99.9 % Antibacterial (ISO-20743)
- Formaldehyde-free (ISO-14184)
- Moisture Absorption: >0.03 % by weight
(50°C/122°F at 90% relative humidity)
- Thermal insulating: 0,040 W/mK

Key Features & Benefits

- Available in 7 Natural colours & 33 Mandarin colours.
- Highly durable providing long-term stability and performance.
- Safe, non-toxic, non-irritant & without red list chemical binders.
- Recycled and recyclable.

Care

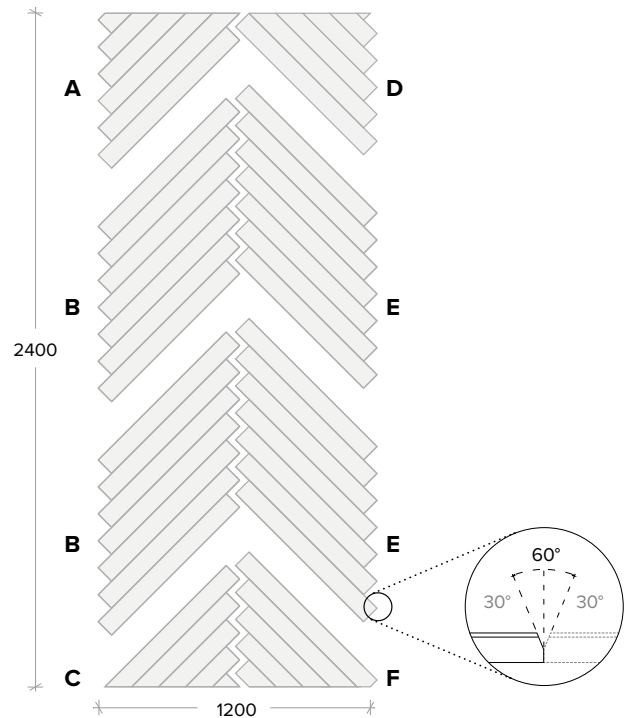
- Easy to clean with a damp cloth or vacuum cleaner.
- Indoor use only.

Installation

- Prior to installation, walls and surfaces must be clean, dust-free and void of any defects or imperfections.
Contact-type adhesive for applying plate on surfaces such as plasterboard, concrete, block, plywood, MDF and particleboard. Feltouch recommends Pattex PL600 & Liquid Nails LN-2000 or equiv-alent adhesive with a glue gun.

Dimensions(mm):

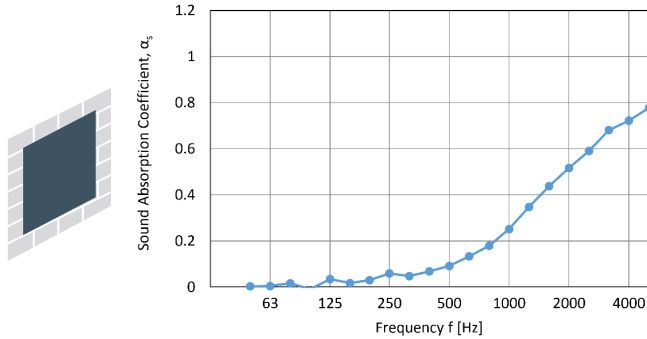
L: 2400mm
W: 1200mm



ACOUSTIC TEST REPORT



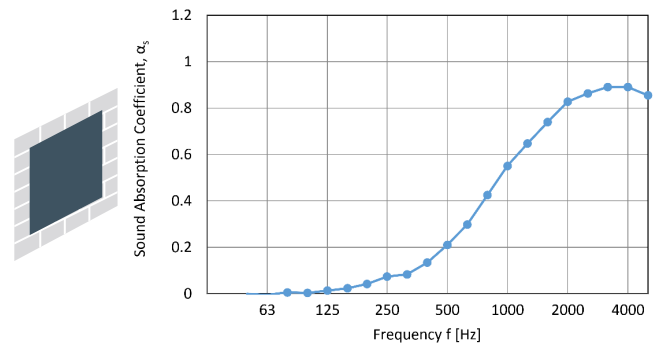
6mm Mandarin



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,01	0,05	0,10	0,26	0,51	0,73

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 0.15
 NRC: 0.25
 Sound absorption class: E

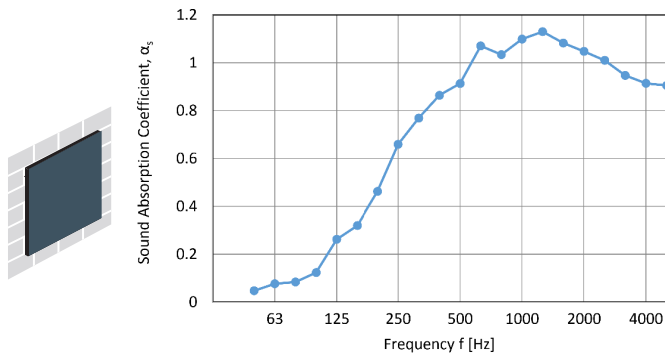
12mm Natural



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,01	0,07	0,21	0,54	0,81	0,88

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 0.25
 NRC: 0.40
 Sound absorption class: E

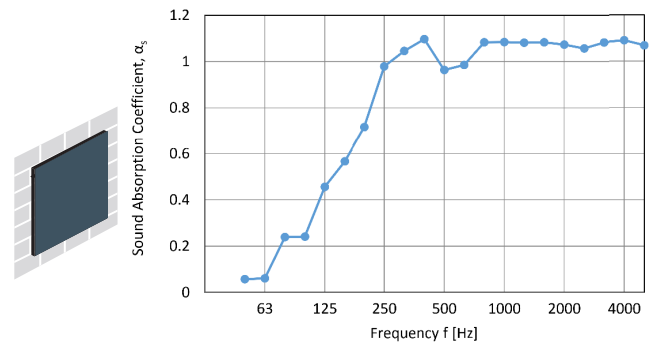
6mm Mandarin + Feltfill



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,24	0,63	0,95	1,09	1,05	0,92

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 0.90
 NRC: 0.95
 Sound absorption class: A

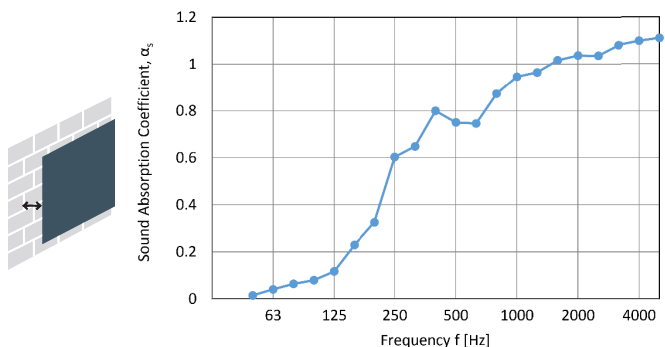
12mm Natural + Feltfill



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,01	0,07	0,21	0,54	0,81	0,88

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 1.00
 NRC: 1.00
 Sound absorption class: A

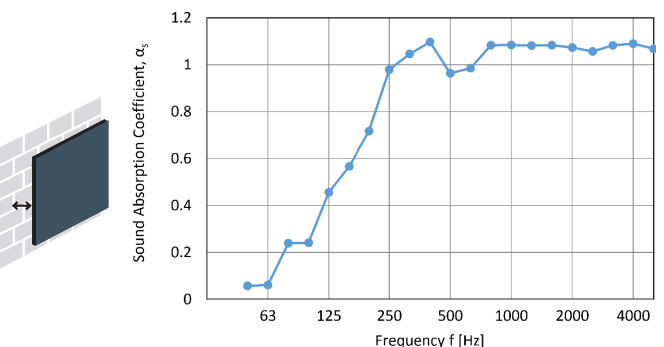
12mm Natural + Canopy



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,14	0,53	0,77	0,93	1,03	1,10

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 0.75
 NRC: 0.80
 Sound absorption class: C

12mm Natural + Feltfill + Canopy



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,42	0,91	1,01	1,08	1,07	1,08

Rating according to ISO 11654:
Weighted sound absorption coefficient
 α_{wR} : 1.00
 NRC: 1.00
 Sound absorption class: A