

## PLATE 12mm

Product Code: PT110 & PT100

Plate's are the source of inspiration for Plativity Collection with an endless ideas. They offer tailor made acoustic solutions by various thicknesses and dimensions. It allows unique and customizable designs by CNC cutting. Semi-rigid Plate sheets are lightweight and easy to install.

### Specification

- Composition: 100 % polyester (recycled PET appx. 50 %)
- Material Weight: 12mm: 2600g/m<sup>2</sup> (+/- 5 %)
- Material Thickness: 12mm Natural & Mandarin colors (+/- 10 %)
- Product Weight: 120x240cm / Natural: 8,20 kg / per pcs. (+/-5 %)  
Mandarin: kg / per pcs. (+/-5 %)  
140x180cm / Natural: 7,20 kg / per pcs. (+/-5 %)  
Mandarin: kg / per pcs. (+/-5 %)

### Performance

- Acoustic Rates: Natural: 0.40 NRC (EN-11654)  
Mandarin: NRC (EN-11654)  
Natural + Feltfill: 1.00 NRC (EN-11654)  
Mandarin + Feltfill: 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.

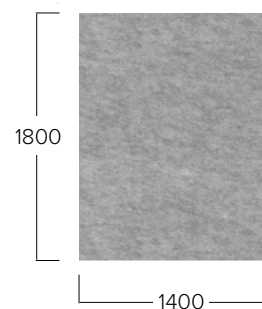
### Installation

- 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 equivalent adhesive with glu gun.

### Dimensions (mm):

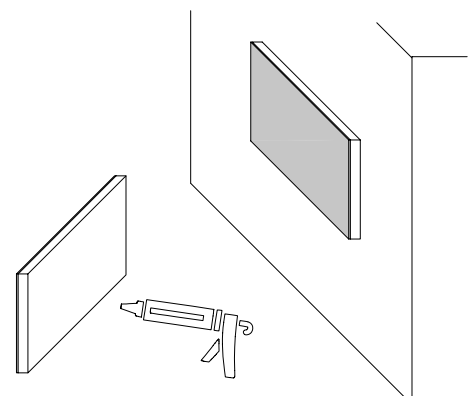
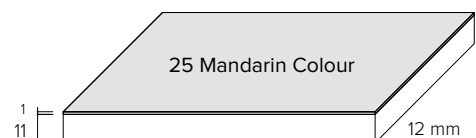
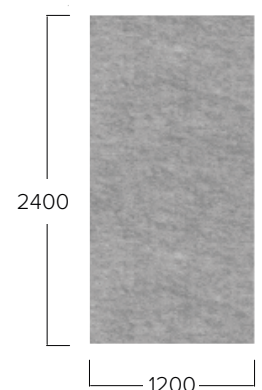
#### PT110

L: 1800mm  
W: 1400mm  
Thickness: 12mm



#### PT100

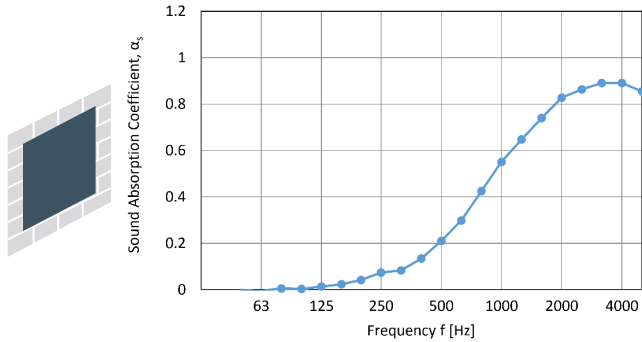
L: 2400mm  
W: 1200mm  
Thickness: 12mm



## ACOUSTIC TEST REPORT



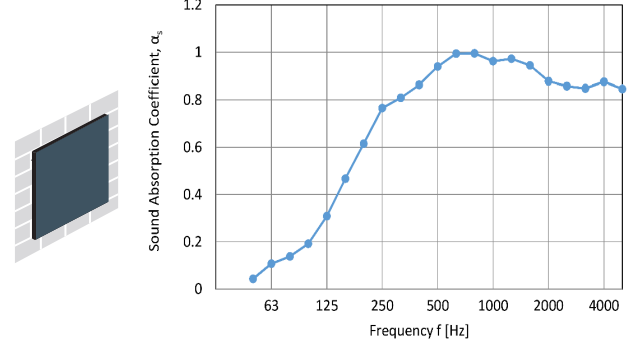
### 12mm Natural



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**  
 $\alpha_{w=}$  0.25  
 NRC: 0.40  
 Sound absorption class: E

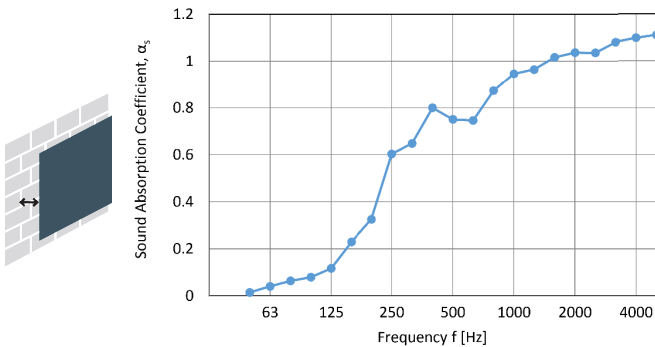
### 12mm Natural + Feltfill



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,32	0,73	0,93	0,98	0,89	0,86

Rating according to ISO 11654:  
**Weighted sound absorption coefficient**  
 $\alpha_{w=}$  0.95  
 NRC: 0.90  
 Sound absorption class: A

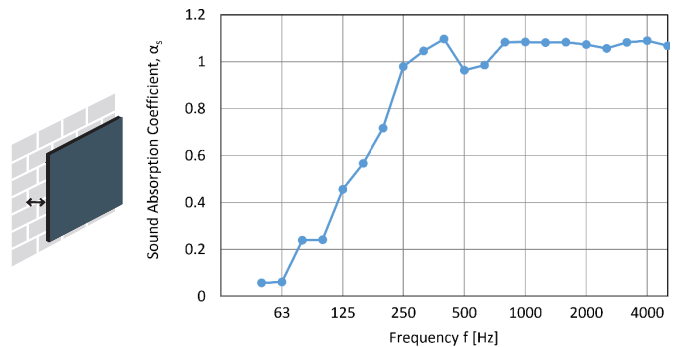
### 12mm Natural + 30cm Air Gap



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**  
 $\alpha_{w=}$  0.75  
 NRC: 0.80  
 Sound absorption class: C

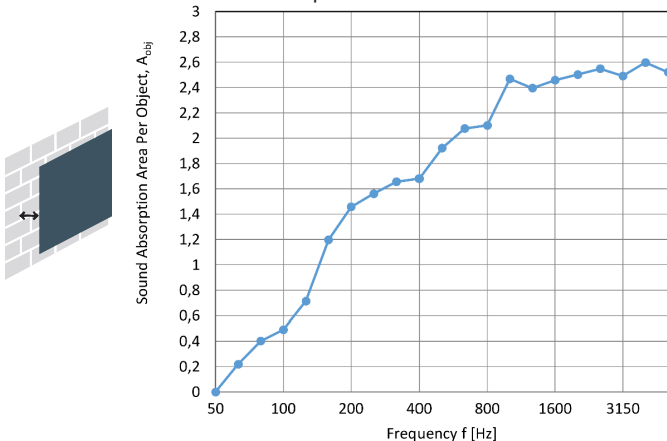
### 12mm Natural + Feltfill + 30cm Air Gap



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**  
 $\alpha_{w=}$  1.00  
 NRC: 1.00  
 Sound absorption class: A

### 12mm Natural + 50cm Air Gap



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0,80	1,56	1,89	2,32	2,50	2,54

Rating according to ISO 11654:  
**Weighted sound absorption coefficient**  
 $\alpha_{w=}$  x  
 NRC: x