

**Texaa®**

Specification and data sheets

# Abso flexible Pads

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#### **Production time**

3 weeks

#### **Professionals to be consulted for fitting**

General fitters

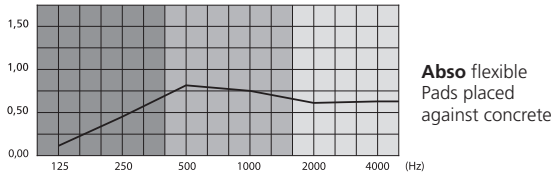
# Insertable Abso ceiling Pads

Especially designed for standard dropped ceilings with visible “T” runners, **Abso** Pads clip effortlessly into the metal grid already in place.

They only take a couple of seconds to insert or remove. Each Pad is held beneath the existing ceiling tiles with the help of our ultra-simple, quick-fit fastening system.

# Acoustic performance

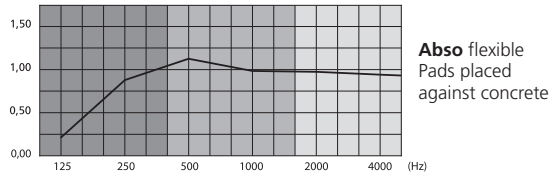
## Equivalent absorption area of an object A (m<sup>2</sup>)



Frequencies (Hz)	125	250	500	1,000	2,000	4,000
Equivalent absorption area of an object A (m <sup>2</sup> ) spacing: 1,200 mm						
Pad placed against concrete	0.15	0.42	0.79	0.75	0.63	0.64

Test reports available on request – Standard NF EN 20354 / ISO 354

## $\alpha_{\text{Sabine}}$ – grouped Pads placed against concrete



Frequencies (Hz)	125	250	500	1,000	2,000	4,000	$\alpha_w$	Class	NRC
$\alpha_{\text{Sabine}}$ – grouped									
Pad placed against concrete	0.21	0.88	1.13	0.98	0.95	0.90	1	A	1

Test report and set-up available on request.

# Specification

Acoustic absorption is enhanced by Texaa® **Abso** Flexible Pads, which consist of:

- grey AP cellular foam
- a fabric cover of sound-transparent **Aeria** on one side

## Durability of the fabric cover

Performance of **run-resistant 330 g/m<sup>2</sup> Aeria**

Protection against soiling:

**Hydro/Oleophobic**  $\geq 5$  (AATCC118 and AATCC193)

**Electrostatic properties**  $7 \cdot 10^{10} \Omega$  (EN 1149-1)

## Acoustic performance

Equivalent absorption area of an object A (m<sup>2</sup>)

at mid-range frequencies: 0.76 m<sup>2</sup>

## European reaction to fire classification - complete product

C-s3, d0

## Environmental characteristics

- **VOC and formaldehyde emissions** (ISO 16000)
- **Abso** Flexible pads qualify for French "A+" health labelling and are classed as "conforming" after assessment using the German AgBB protocol
- **LEED / BREAM**: 2 points for
  - **Very low VOC** (Volatile Organic Compounds) and formaldehyde emissions
  - Acoustic contribution

## Cleaning

Vacuum cleaning, may be removed and refitted

## Guarantee

**10 years**

## Colours

Select from the 5 colours in the round knit (MR) palette available for the **Abso** range.



Chiné graphique  
MR140 (A)



Chiné noir  
MR150 (A)



Chiné brun  
MR120 (A)

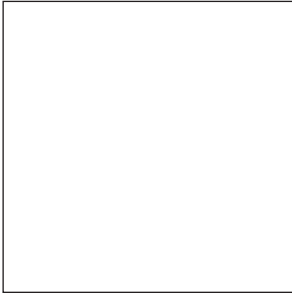


Chiné naturel  
MR130 (A)



Craie  
MR630 (A)

# Sizes



± 600 x 600 x 70 mm

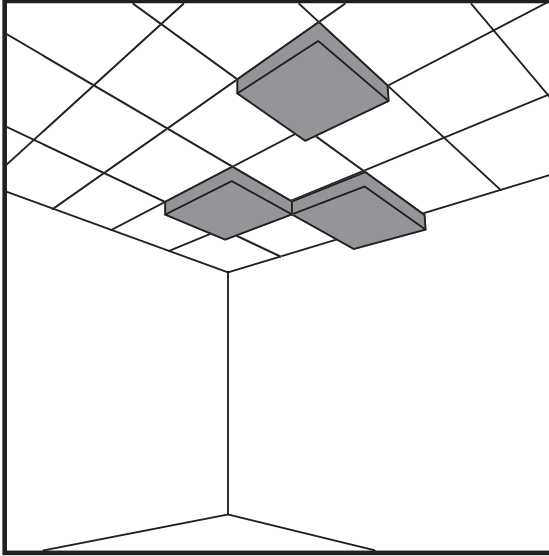
Designed to fit most sizes of dropped ceiling grid.

## Type of dropped ceiling: dimensions / weight / acoustic performance [specify]

Grid (mm)	Dimensions (mm)*	Weight (kg)	Equivalent absorption area A (m <sup>2</sup> ) at mid-range frequencies	$\alpha_w$
□ 600 x 600 T24	582 x 582 x 83 Pad	0.8	0.76	1
□ 600 x 600 T24	582 x 582 x 116 / 50 slanting Pad	0.8	0.76	-
□ 600 x 600 T15	592 x 592 x 70 Pad	0.8	0.76	-
□ 610 x 610 T24	592 x 592 x 70 Pad	0.8	0.76	-
□ 625 x 625 T24	607 x 607 x 70 Pad	0.8	0.76	-

\* ± 6 mm depending on humidity

# Fitting method



## Inserted into a dropped ceiling grid

Fitting is easier if the Pads are not inserted side-by-side or around the edges of a dropped ceiling.

# Aeria - cleaning guidelines

To protect the fresh colour of your **Aeria** fabric, we advise you to clean it regularly by:

- removing dust with a soft brush and vacuum cleaner
- using an absorbent cloth to soak up spilt liquids
- cleaning marks or stains quickly, before they have time to dry and become harder to remove

**Aeria** is treated with a water-repellent product, so any stains can usually be removed by gentle dabbing. Never rub the fabric.

**If a stain proves harder to remove, please follow the instructions below.**

## **For water-based liquids (tea, coffee, soft drinks, wine, etc.)**

If the stain has penetrated the fabric, use a vacuum cleaner to remove any dust from the soiled area. Then, rehydrate the stain by dabbing the marked area with one hand using a cloth dampened with clean water, and dry the area with the other hand using a dry, clean absorbent cloth. If the stain persists, repeat the process using water and a little soap.

## **For oil-based liquids**

Dab the stain with a clean cloth dampened with undiluted solvent-based cleaning fluid. Remember to fold the cloth frequently, so that the stain is always in contact with a clean part of the cloth's surface.

## **For semi-solid stains, such as butter, ketchup, etc.**

Remove any remaining solid material with a spatula and proceed with the cleaning method detailed above for oil-based liquids.

## **For dye-based stains (marker pen, biro, ink, etc.)**

Dab the stain with a clean cloth dampened with a solvent such as methanol. Remember to fold the cloth frequently, so that the stain is always in contact with a clean part of the cloth's surface.

**In order to avoid the formation of rings, clean stains and marks from the outside towards the middle, and then use a hair-dryer to speed up the drying process.**



# Technical characteristics

Definition	Abso
<b>Fitting</b>	Inserted into a dropped ceiling grid
<b>Components</b>	<b>Aeria*</b> / grey AP foam
<b>Colours</b>	5 colours
<b>Physical properties</b>	
<b>Light reflectance</b> (for Nacre (Pearly white) colour, MR 640)	81%
<b>Durability</b>	
<b>Technical characteristics</b>	
– Abrasion resistance (NF EN 12947-2, number of rubs)	> 30,000
– Fraying	none
– Variations in dimensions under normal conditions of temperature and humidity	±1 %
– Colour fastness ISO 105-B02 (scale from 1 to 8)	≥ 5
– Electrostatic properties (EN 1149-1)	7.10 <sup>10</sup> Ω
– Hydro/Oleophobic AATCC 118 and AATCC 193 (scale from 1 to 8)	≥ 5
– Conditions of normal exposure	Relative humidity between 30% and 75% and temperature between 10°C and 30°C
– Conditions of exceptional exposure	Relative humidity between 20% and 90% and temperature between 10°C and 30°C
– Mechanical strength of the fastenings	15 kg / fixing point
<b>Health and safety</b>	
<b>Reaction to fire classification</b>	
– European NF	C-s3, d0
– United States ASTM	Class A
<b>Environmental standards</b>	
<b>Development of micro-organisms</b>	The materials used reduce the proliferation of house dust mites and micro-organisms
<b>HQE®</b> High Quality Environmental standard (standard EN 15804)	-
<b>VOC and formaldehyde emissions</b> (ISO 16000) French health labelling / in accordance with German protocol AgBB	A+ / compliant
<b>Contribution to LEED/BREEAM certification</b>	
– air emissions – acoustic contribution	2 points
<b>Cleaning</b>	
Method	Vacuum clean every one to five years, depending on conditions of use**

\* Texaa®'s internationally patented **Aeria** sound-transparent fabric

\*\* refer to the cleaning and maintenance sheets