



ASSC®

ART OF SILENCE - SUSPENDED CEILING

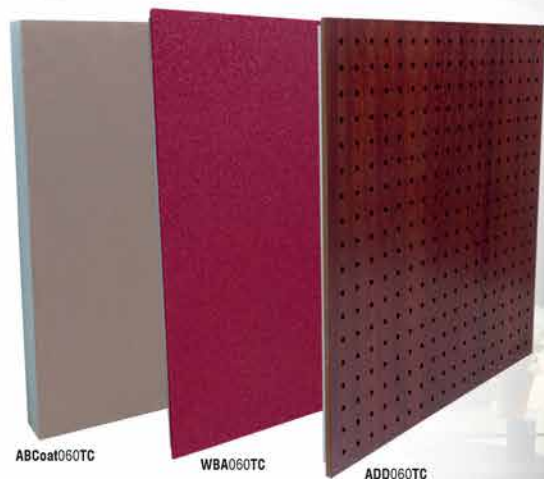


Image of 60x60cm models (on the left) and one of the model applied (ambient image).

DESCRIPTION

Creating a clean linear effect on ceilings and walls across a range of applications, these panels style offer a warm organic finish, ideally suited to use in lecture theatres, meeting rooms and public buildings.

Sound absorption is a critical component of every room that will be occupied and used by people. Evaluating the performance of the acoustic drop ceiling systems, you'll want to reference two general ratings: Noise Reduction Coefficient (NRC), *thereby lessening the noise within a room*; and Ceiling Attenuation Class (CAC), *meaning how much sound travels to adjacent rooms*;

Ceiling panels must serve to absorb and control the noise inside the room as well as preventing it from bouncing off surfaces and spreading throughout the spaces around and down corridors causing unwanted disruptions.

Most of the drop ceilings are not effective at blocking sound because they lightweight. Our ASSC T-System plates are made of two components and have larger mass, therefore they offer higher NRC and CAC values than the other competitor products.

Discover the ASSC T-System range of acoustic ceiling treatments. Cover large areas to transform the aesthetics and acoustics of the space and turn into a beautiful and quiet place.

Explore your interior horizon with ASSC T-System. We have at your disposal three types of plates with different finishes: pressed granulated minerals + melamine foam, natural wood + coconut fibre and Polyester fibre (PET) + fabric. Several aesthetic options, several colours, perforations and three different textures available.

Assembly is as simple as placing the acoustic plate on the standard metal profile. These plates are universally applicable to any (T type) metal profile for drop ceilings, however it is necessary to create previously a suspended structure in metal profile (T-grid) to apply the acoustic plates, whilst allowing access to the ceiling above.

ASSC T-System plates can also be applied to walls with the help of our profile ABCP that is available as an accessory.

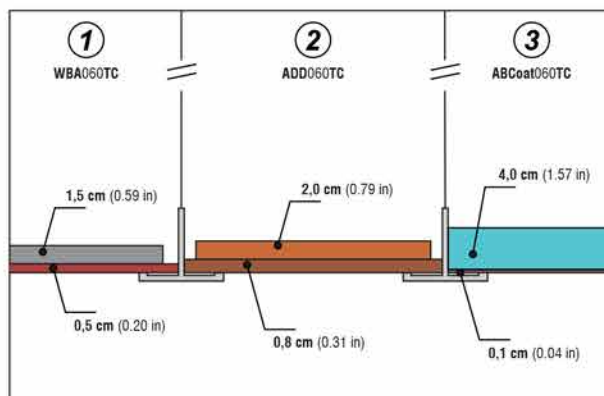
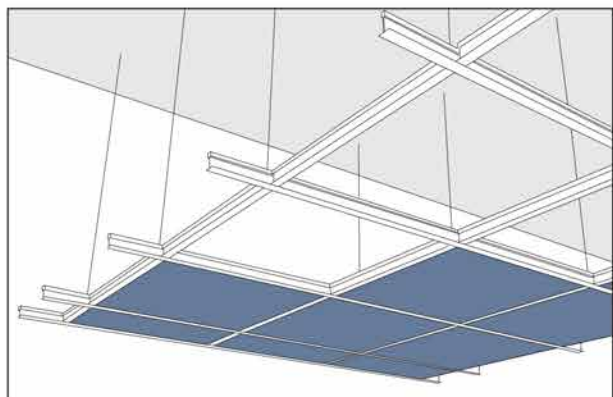
These plates are acoustically tested in two ways; leaning against a surface as a coating and settling to a surface suspended in the ceiling creating an air box. The plates have a better sound absorption performance when suspended in the ceiling.

For large rooms, public spaces, or any room where noise is an issue, ASSC T-System acoustic drop ceiling plates can help absorb airborne noise and reduce reverberation, preventing sound from traveling to adjacent rooms. Here's how to make sense of acoustic ratings and what they mean for noise control in your environment.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WBA060TC	60 cm (23.6 in)	60 cm (23.6 in)	2,0 cm (0.79 in)	3.3 Kg (7.28 lbs)
ADD060TC	60 cm (23.6 in)	60 cm (23.6 in)	2.8 cm (1.1 in)	4.4 Kg (9.70 lbs)
ABCoat060TC	60 cm (23.6 in)	60 cm (23.6 in)	4 cm (1.6 in)	0.2 Kg (0.44 lbs)

SCHEMATIC DRAWINGS



MINERAL GRANULATED COLOURS



WOOD VENEER FINISHINGS



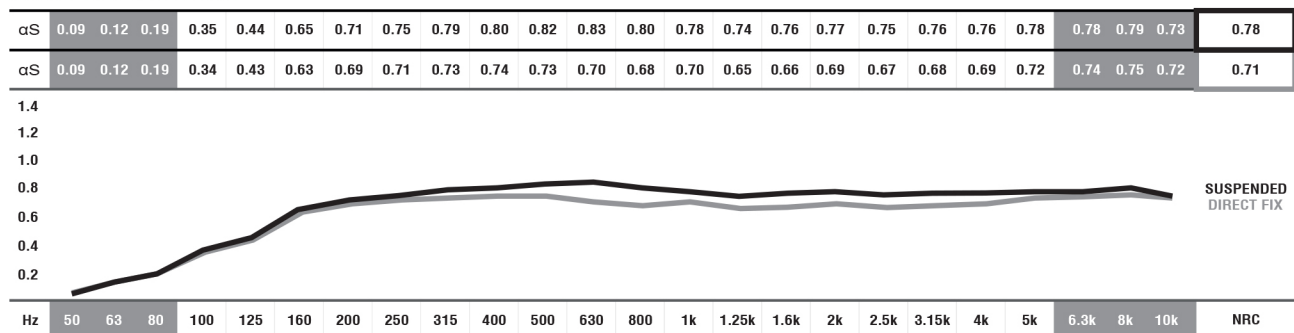
STANDARD FABRIC COLOURS



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 • Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.

① STAIDTREAT[®] PLATE

ABSORPTION COEFFICIENT



■ ■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

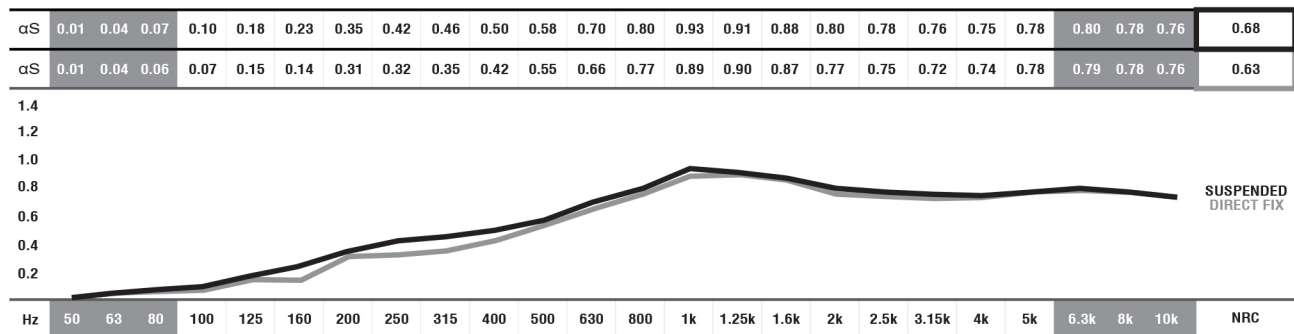
■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

FEATURES

- STYLE: Square acoustic plates that provide sound absorption for health care, education and open plan rooms.
- COMPOSITION: Pressed granulated minerals + melamine foam.
- THICKNESS: 20 mm (+/- 2 mm tolerance) / 0.79" (+/- 0.1" tolerance).
- AVAILABLE SIZES: 600mm x 600mm x 20mm / (23.6" x 23.6" x 0.79").
- WEIGHT: 8,4 Kg/m² (18,52 Lbs/ ft²).
- NOISE REDUCTION COEFFICIENT (NRC) - Direct Fix to ceiling: **0.71/m²**;
suspended 200mm from ceiling: **0.78/m²**.
- FIRE RATING: Class 0 (BS 5422:1990).

② ADDSORB[®] PLATE

ABSORPTION COEFFICIENT



■ ■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

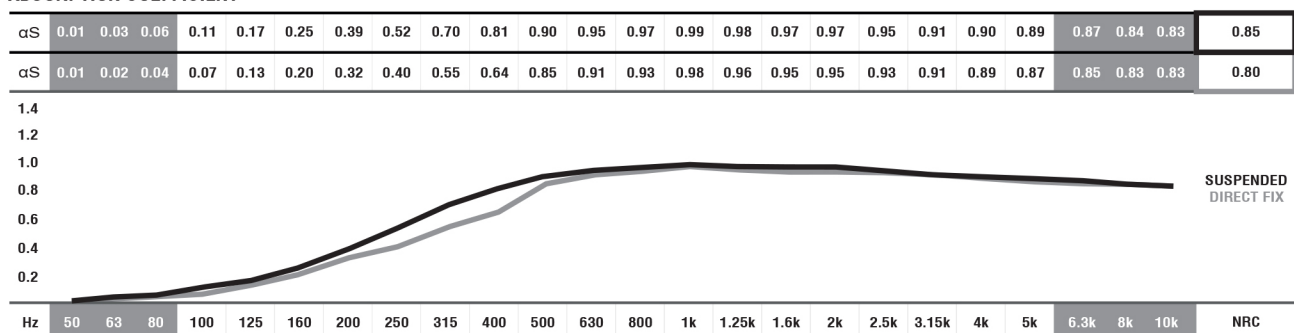
■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

FEATURES

- STYLE: Square acoustic plates that provide sound absorption for health care, education and open plan offices.
- COMPOSITION: natural wood + coconut fibre.
- THICKNESS: 28mm (+/- 2mm tolerance) / 1.10" (+/- 0.1" tolerance).
- AVAILABLE SIZES: 600mm x 600mm x 28mm / (23.6" x 23.6" x 1.10").
- WEIGHT: 6,3 Kg/m² (13,89 Lbs/ ft²).
- NOISE REDUCTION COEFFICIENT (NRC) - Direct Fix to ceiling: **0.63/m²**;
suspended 200mm from ceiling: **0.68/m²**.
- FIRE RATING: Class 0 (BS 5422:1990).

③ SMOOTHER[®] PLATE

ABSORPTION COEFFICIENT



■ ■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.

■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

FEATURES

- STYLE: Square acoustic plates that provide sound absorption for health care, education and open plan offices.
- COMPOSITION: Polyester fibre (PET) + fabric.
- THICKNESS: 40mm (+/- 2mm tolerance) / 1.57" (+/- 0.1" tolerance).
- AVAILABLE SIZES: 600mm x 600mm x 40mm / (23.6" x 23.6" x 1.57").
- WEIGHT: 4,2 Kg/m² (9,26 Lbs/ ft²).
- NOISE REDUCTION COEFFICIENT (NRC): Direct Fix to ceiling: **0.80/m²**;
suspended 200mm from ceiling: **0.85/m²**.
- 100% recyclable.
- FIRE RATING: Class 0 (BS 5422:1990).