

System ceiling AIR-tiles® T24 A 600 x 600 x 20 mm

Description:

System ceiling composed of self-supporting ceiling tiles (approx. 1.5 kg/m²) based on 100% polyester nonwoven, finished on the visible side with a high-quality acoustic textile of 100% mass-dyed polyester treated with Airmax 2.0 technology. This ensures permanent air purification in the room where the ceiling tiles are installed. The ceiling tiles have a serrated edge on 2 opposite sides and a straight edge on the 2 sides at right angles to the serrated sides. This determines the direction of the inlay.

AIR-tiles® System T24 A™ consists of the flat insert (A) ceiling tiles and the Chicago Metallic™ T24 Hook 850 system, consisting of main and transverse profiles (size 24 x 38 mm) made of galvanised and powder-coated steel fabric. The main profiles are installed as/as every 1200 mm. Suspension by means of quick-release hangers. The 1200 mm cross profiles are placed at right angles to the main profiles every 600 mm. The 600 mm cross profiles are placed at right angles to the 1200 mm cross profile.

The edge trim is a steel L-profile, or shadow angle trim size 15 x 8 x 12 x 15 mm. Minimum hanging height: 150 mm.

Material:

Module size = 600 x 600 x 20 mm

Humidity and dimensional stability

Measured at 40°C and 100% Relative Humidity

Direction 1 : -0,2 % shrinkage

Direction 2 : 0,0 % shrinkage

Sound absorption

The product has been tested according to EN ISO 354 and classified according to EN ISO 11654, as required by the European Standard for System Ceilings (EN 13964). CE labels indicate an alpha-w within a defined frequency range (250-4000 Hz).

Thickness (mm)	Suspension height (mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	class	NRC
20	280 mm	0.53	0.91	0.82	0.85	0.90	0.90	0,85	B	0.85

Fire reaction

The ceiling tiles are classified B, S1-d0 according to EN ISO 11925-2, which means hardly flammable, low smoke development and no melting drops in case of fire.

Cleanability

The ceiling tiles can be cleaned with a damp cloth thanks to the water-repellent components in their finish.

Hygiene

Polyester does not contribute to the growth of micro-organisms.

Environment

Air-tiles contribute to a clean and healthy indoor environment thanks to their finishing with the Airmax 2.0 technology, which eliminates harmful substances from living spaces. This effect remains effective throughout the entire life cycle of the textile.

Air-tiles are made of 100% polyester, so they are fully recyclable.

Design:

Rectangular tiles 600 x 600 x 20 mm with a serrated edge on 2 opposite sides, indicating the direction of the inlay. Standard colour ecru white. Nice woven textile look.

Application:

Hospitals, schools, nursing homes, offices. In fact all rooms where odours need to be neutralized and indoor pollutants can be dissolved to create a fresher air environment.

Nature of contract:

Lump sum quantity (FH)

Method of measurement:

Unit of measurement: m²