



DESCRIPTION

The TANGO modular ceilings are manufactured from polyester fiber and covered with acoustic fabric for a face side and excellent sound absorption. Designed to be installed in conventional grid systems view.

The technology developed by Croxon helps build acoustic fabrics and hot-melt polyester fiber, no adhesives or chemicals.

Modular acoustic ceilings manufactured by Croxon are 100% recyclable.

PROPERTIES

The TANGO modular ceilings have the following advantages:

- They are made of polyester fiber without chemical binders or retardants.
- High absorptive capacity and very decorative colors.
- Both the panel and the acoustic fabric are 100% recyclable.
- Very durable, high dimensional stability and long-term performance.
- Due to the length of the fiber, not release particles, non-irritating and non-allergenic.
- Non-toxic and does not issue binders typical of mineral fibers.
- Lightweight and easy to install.
- The colors of the fabrics are stable. Wide range of colors.
- The surface finish is satin.



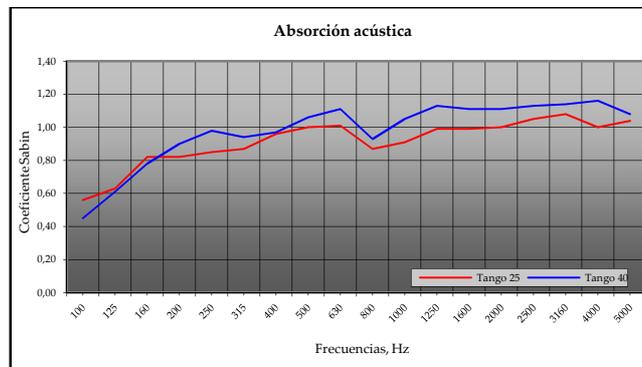
The colors of the surface coatings of the TANGO modular ceilings are stable, durable and unalterable. Its wide range allows architects and decorators create acoustically decorative and comfortable environments.

The coated surfaces are glossy in order to achieve better expression of color and light.

TANGO ceiling panels manufactured from polyester fiber, to be long and thermo fused fiber, it does not follow by air currents. Not absorb moisture and rot are not shed particles during handling, do not irritate the skin or mucosa and are not food for insects and rodents. They have easy handling and cutting.

SPECIFICATIONS

Material	Polyester fiber.	
Weight	2,50 kg/m ² .	
Dimensions	595 x 595 mm.	
	595 x 1195 mm.	
Thickness	25 y 40 mm.	
Edges	Square.	
Thermal resistance	$\lambda d = 29 \text{ mW/mK}$	(EN 1266).
Reaction to fire	B2 s1 d0	(EN 13501).
Presentation	25 x 595 x 595 mm: 20 Tiles = 7,08 m ² .	
	40 x 595 x 595 mm: 12 Tiles = 4,24 m ² .	
	25 x 595 x 1195 mm: 10 Tiles = 7,11 m ² .	
	40 x 595 x 1195 mm: 12 Tiles = 4,26 m ² .	



Acoustic absorption test according to EN ISO 11654:1997. Clase A – $\alpha_w = 1,00$.- ASTM C423 – 99 – NCR 1.00 (Tango 20)

EN ISO 11654:1997. Clase A – $\alpha_w = 1,00$.- ASTM C423 – 99 – NCR 1.05 (Tango 40)



APPLICATIONS

The TANGO acoustic ceilings are used in:

Acoustic ceiling high performance inside the malls to control noise. In offices, especially in areas with large spaces. Boardrooms and conferences. Classrooms. Corridors and hallways. Libraries and administration. Theatres and auditoriums. Shops and showrooms. Calls centers, etc.

MOISTURE ABSORPTION

The polyester fiber when exposed to an atmosphere of 50 °C and a relative humidity of 90% for four days showed a moisture absorption of less than 0.03% by weight. Polyester fibers are unaffected by moisture, mildew and will not rot or deteriorate in situations of use.

HOW TO INSTALL

Types

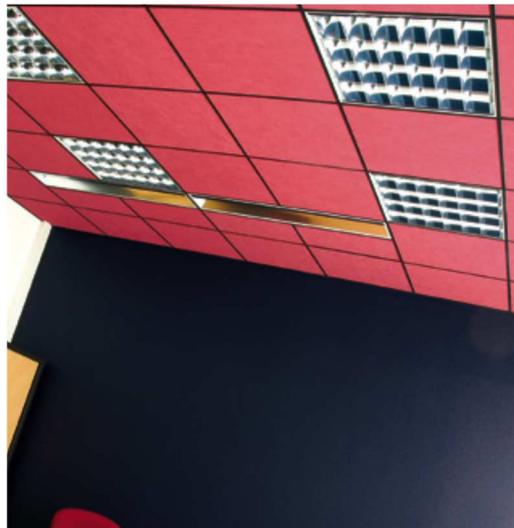
Dimensions	Installation system	Edges
25 x 595 x 595 mm	T15	
25 x 595 x 1195 mm	T15	
40 x 595 x 595 mm	T24	
40 x 595 x 1195 mm	T24	



CLEANING

TANGO tiles are cleaned with a damp cloth.

FABRICS COATING COLORS



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