

# TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION:

The ceiling tiles are made from gypsum that is reinforced with fiber glass. Thanks to its natural characteristics, the gypsum contributes to the thermal regulation of premises. By absorbing the excess moisture when the atmosphere becomes dry, the gypsum acts as a relative humidity regulator. The fiber glass reinforces the tiles and increases its strength.

## AREAS OF APPLICATION:

The tiles are manufactured in squares of 600 x 600mm and can be used for all kind of ceilings, with the advantage of aesthetic, ecological, and whiteness benefits.

## TECHNICAL CHARACTERISTICS:

-Dimension (NT 47.70-EN 14246):	600 x 600mm within +/- 2 mm.
-Thickness (NT 47.70- EN 14246):	20 mm within +/- 2 mm.
-Resistance to sagging(NT 47.70 - EN 14246):	Meets standard.
-Weight(NT 47.70 - EN 14246):	10 to 11kg/m <sup>2</sup> (without decor).
-Moisture content(NT 47.70 - EN 14246):	Averaging 1% (normal value is < 6 %).
-Whiteness index:	93.91 %.
-Hardness Index(Shore c):	55 to 75.
-Thermal conductivity index (Lambda):	0.25 w/m.k.
-Thermal resistance index:	0.16 m <sup>2</sup> .k/w.

## PACKAGING:

The tiles are 600x600x20 mm and they are packed in cardboard boxes containing 6 tiles each. Each box is wrapped in a retractable plastic film. The boxes are placed on pallets that are wrapped by another plastic film. One pallet can hold up to 48 boxes of tiles. So each pallet can hold enough tiles to cover a ceiling area of about 104 m<sup>2</sup>. A 40-foot container can hold up to 20 pallets for export. That's enough to cover a 2073,6 m<sup>2</sup> of ceiling area.

## TILE TYPES:

Smooth (Lisse), Dados, Mediterranean (Méditerranée), The 4-Square ( Les 4 C), Drip(Gouttelé), Semi-perforated (Semi-Perforée), Cairo, Fissured (Fissurée), Navarra, and Orange Peel (Peaud'Orange T 24 and T 15).