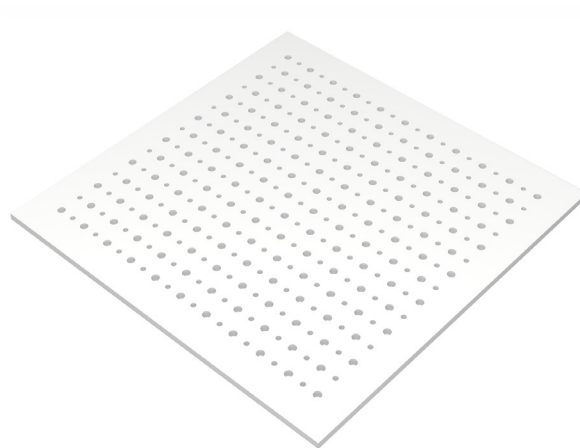


MADA ACOUSTICAL PERFORATED GYPSUM CEILING TILES

Technical Data Sheet

TDS-CT-R07-Rev2 Acoustical Perforated Gypsum Ceiling Tiles - 2024



Advantage



Fire resistance
noncombustibility
characteristics



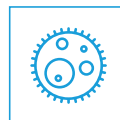
Moisture
resistance



Easy to clean,
durable,
easy to install



Higher
acoustical
properties



Available with
anti-bacterial
option



Environmentally
friendly and
recyclable



Superior mechanical
stability

Applications

Wide range of applications in (auditoriums, cinemas, hospitals, shops, offices, airports, exhibition centers, conference rooms and studios....etc).

TECHNICAL DATA SHEET

Manufacturing Standards

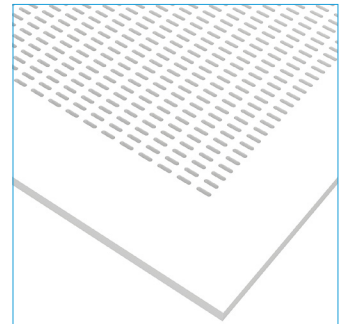
In compliance with ASTM C1396, ASTM C423, EN-520, C473-06a / Clause 11, 12 and 13, BS EN ISO 354, BS EN ISO 11654.

Product Specifications

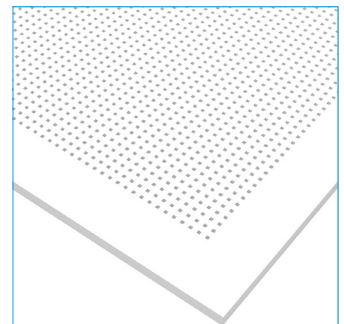
Material	Gypsum Tiles	
Available Thickness	9.5mm	12.5mm
Types	Regular	Fire Resistance
	Moisture Resistance	Fire and Moisture Resistance
Edge Types	Square (Lay-On)	
Finish	PVC laminated / Painted (Anti-Bacterial paint upon request) backside enhanced with white fiberglass acoustical fleecce.	
Perforation Designs	PE-01 / PE-02 / PE-03 / PE-04 / PE-05 / PE-06	
Suspension System	T-24 and T-15	
Acoustical Performance	NRC and SAA 0.25 up to 0.9 according to BS EN ISO 354, BS EN ISO 11654 and ASTM C423.	
Weight	Varies according to thickness and type.	
Core Density	Varies according to thickness and type.	
Sizes	600x600mm, 610x610mm, 600x1200mm, 610x1220mm	

Products and Details

MCT PE-01 (OVAL)	
Perforation Design	Oval
Perforation %	17.1%
Perforation Size	4x14mm
Horizontal C/C	10.14mm
Vertical E/E	6.3mm
NRC	up to 0.8
SAA	up to 0.69



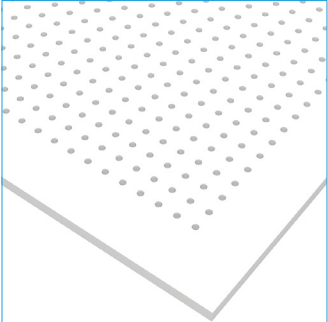
MCT PE-02 (MICRO-SQUARE 3 x 3 mm)	
Perforation Design	Micro- Square
Perforation %	10.41%
Perforation Size	3x3mm
Horizontal C/C	8.27mm
Vertical E/E	5.27mm
NRC	up to 0.85
SAA	up to 0.71



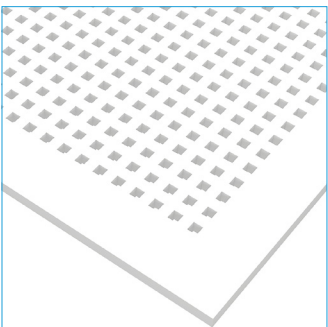
TECHNICAL DATA SHEET

Products and Details

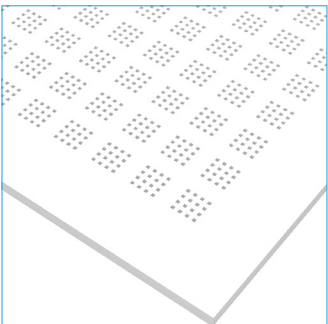
MCT PE-03 (CIRCLE) 6mm	
Perforation Design	Circle
Perforation %	7.19%
Perforation Size	6mm
Horizontal C/C	18.13mm
Vertical E/E	12.13mm
NRC	up to 0.8
SAA	up to 0.66



MCT PE-04 (SQUARE 9 x 9 mm)	
Perforation Design	Square
Perforation %	17.94%
Perforation Size	9x9mm
Horizontal C/C	19.3mm
Vertical E/E	10.3mm
NRC	up to 0.85
SAA	up to 0.85



MCT PE-05 (MICRO- SQUARE BOX)	
Perforation Design	Micro-square box
Perforation %	6.87%
Perforation Size	3x3mm in 4x4mm box
Horizontal C/C	8.27mm
Vertical E/E	13.24mm
NRC	up to 0.75
SAA	up to 0.64



MCT PE-06 (DUAL DIAMETER) (8mm-12mm)	
Perforation Design	Dual diameter
Perforation %	11.7%
Perforation Size	(8mm-12mm)
Horizontal C/C	50mm between similar holes
Vertical E/E	25mm between different holes
NRC	up to 0.9
SAA	up to 0.73

