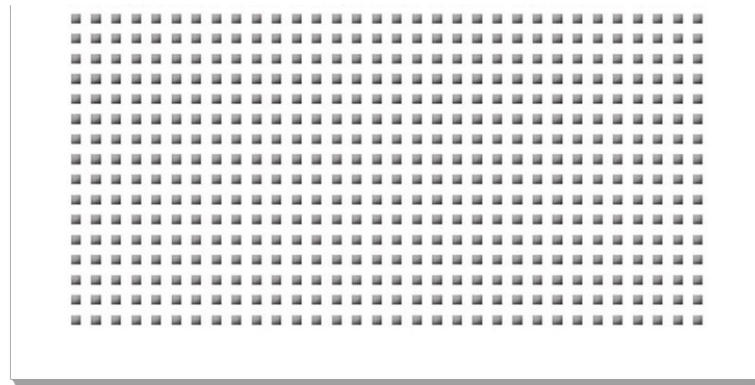


MADA ACOUSTICAL PERFORATED PLASTERBOARD

Technical Data Sheet

TDS-PB-R13-Rev2 Acoustical Perforated Board – 2024



Advantage



Fire resistance
noncombustibility
characteristics



Moisture
resistance



Easy to clean,
durable,
easy to install



Higher acoustical
& sound
absorption



Available with
anti-bacterial
option



Environmentally
friendly and
recyclable



Superior mechanical
stability

Product Description

Mada Acoustical Perforated Plasterboard It is produced in standard 1200mm x 2400mm composed of a noncombustible gypsum core and encased in a heavy natural-finish paper on the face side and a strong liner paper on the backside laminated with white Acoustical Fiberglass Tissues for enhanced acoustical properties. Long edges of panels are recessed (tapered) allowing joints to be reinforced and concealed with a joint treatment. Also available in the square edge.



TECHNICAL DATA SHEET

Field of Application

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

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 boards, in compliance with ASTM C1396, ASTM C423, EN-520, C473-06a / Clause 11, 12 and 13, BS EN ISO 354, BS EN ISO 11654
Available Thickness	12.5mm
Types	Fire resistant, fire and moisture resistant, regular and moisture resistant plasterboard
Finish	Face without finish / finished (painted). available in Anti-bacterial paint upon request. & backside enhanced with white fiberglass acoustical tissue.
Perforation Designs	PE-01 / PE-02 / PE-03 / PE-04 / PE-05 / PE-06
Edge Types	Square
Acoustical Performance	NRC and SAA minimum 0.80 up to 0.90 according to BS EN ISO 354, BS EN ISO 11654 and ASTM C423.
Suspension System	Continuous perforation / block perforation
Weight	Varies according to thickness and type
Core Density	Varies according to thickness and type
Sizes	1200 x 2400 mm
Board Thicknesses	8mm & 12.5mm

Finishing

For the highest quality finish, we recommend Mada finishing products. All painting products and systems must follow the recommendations and requirements outlined in the Appendices of ASTM C840. For priming, texture, paint, and wallcovering finishes, always follow manufacturer's directions for proper use.

All surfaces and applied jointing compound must be completely dry, dust free, and gloss-free. Prime surfaces with an undiluted, high-solids content, interior flat latex paint, and allow to dry thoroughly before painting or applying other finishes.

Handling and Storage

- Mada Plasterboards must be stored on a firm, dry, and structurally sound flooring assembly, using pallets or board packs to avoid direct contact with the floor and moisture sources.
- Never stack Plasterboard pallets higher than 4 pallets in height.
- Do not store other materials on top of Plasterboard pallets.
- Protect Plasterboards from direct rain, wind, sunlight, or other inclement weather conditions.

Limitations

- Avoid exposure to sustained temperatures exceeding 52°C.
- Avoid exposure to excessive, repetitive, or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.