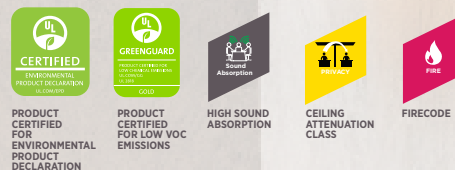
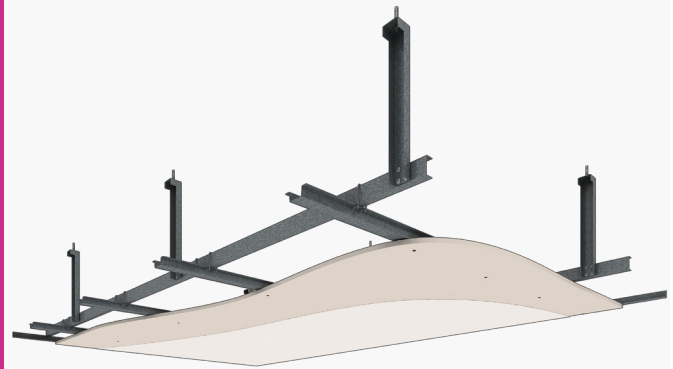


DRYWALL CEILING

MONOLITHIC ACOUSTICAL CEILING (MAC)



MAC CEILING DRAWINGS



FEATURES AND BENEFITS

- Seamless plasterboard has a fine texture and actual acoustical performance of up to 0.90 NRC.
- Special acoustical perforated Monolithic Acoustical Ceiling (MAC) board to optimize sound performance.
- Class 1 surface burning as per BS 476, Part 7.
- Fire propagation index, I = 5.0 as per BS 476, Part 6.
- VOC <0.1 mg/m³/hr as per ASTM D5116.
- High light-reflective finish (LR-0.85 for white finish) reduces fixture & energy use.
- Acoustically transparent spray-applied finish.

APPLICATIONS

- Lobbies
- Commercial offices
- Atriums
- Museums
- Executive/board rooms
- Conference rooms
- Corridors

AVAILABLE COLOR



*Check with our technical team for lead time delivery



MAC CEILING DESCRIPTION

USG ME Monolithic Acoustical Ceiling (MAC) offers a seamless plasterboard with a fine texture and acoustical performance of up to 0.90 NRC. Installation is similar to standard plasterboard and plasterboard suspension systems. USG ME Monolithic Acoustical Ceilings (MAC) are highly engineered and made of gypsum, performing like acoustical ceiling panels.

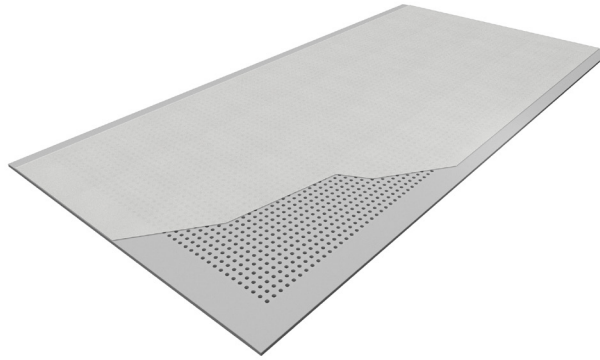


MONOLITHIC ACOUSTICAL CEILING (MAC)



SYSTEM COMPONENTS

- Monolithic Acoustical Ceiling (MAC) Board 12.5mm-thick, 1200mm-wide, and 2400mm in length, with tapered edges.
- USG ME Monosilent Compound.
- USG ME MAC Plaster Spray Applied Finish.
- 50mm-thick 40kg/m³ Stonewool or 90mm-thick 14kg/m³ glasswool.
- USG Middle East drywall ceiling suspension system.
- USG Middle East jointing and tape solution.



SYSTEM SPECIFICATION

| | Monolithic Acoustical Ceiling (MAC) | |
|------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specification | Materials Classification | Type G, Form G1, Pattern G |
| | Weight | ≈ 9kg/m ² |
| | Board Size | 1200x2400x12.5mm |
| | Final Thickness | 16mm |
| | Acoustic Rating* | Up to NRC 0.90 |
| | Light Reflectance | 0.85 for white finish |
| | Fire Hazard Properties | Fire propagation index, I = 5.0 (BS 476 Part 6) Surface spread of flame = Class 1 (BS 476 Part 7) |
| | Final Finish | MAC Plaster Spray Applied Finish Standard white or black. Other RAL colors are available upon request Seamless and spray-applied fine texture with low VOC-emitting material |
| | Framing | USG ME Suspension System |
| | Insulation | Glasswool 90mm-thick 14kg/m ³ or Stonewool 50mm-thick 40kg/m ³ |
| | Fastener | 25mm Type "S" Needle Point Screws |
| | Joint Tape | USG Sheetrock® Brand Paper Joint Tape |
| | Joint Compound | USG ME Monosilent Compound |
| Acoustic Performance** | 0.90 NRC | Insulation: Stonewool 50mm thick, 40 kg/m ³ 100mm Suspension mounting from plenum |
| | 0.90 NRC | Insulation: Glasswool 90mm thick, 14kg/m ³ 100mm Suspension mounting from plenum |
| | 0.70 NRC | No Insulation, 200mm Suspension mounting from plenum |
| | 0.60 NRC | No Insulation, 400mm Suspension mounting from plenum |

* NRC values for panels with factory applied acoustical backer

** Additional acoustical backer options available for enhanced total acoustics NRC and CAC performance

LIMITATION

1. For interior ceilings only.
2. Not for use in areas subject to continuous high heat and/or humid conditions.
3. Not for use in plenums with differential pressure and not for use in return-air plenums.
4. Return air ducts shall be installed according to ASHRAE standards and guidelines.
5. In order to ensure installed performance, component substitutions are not permitted.

