

# MONOLITHIC ACOUSTICAL CEILING (MAC)



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## FINISH OPTIONS



White



Custom  
PANTONE® Color \*

\*Check with our technical team  
for lead time delivery

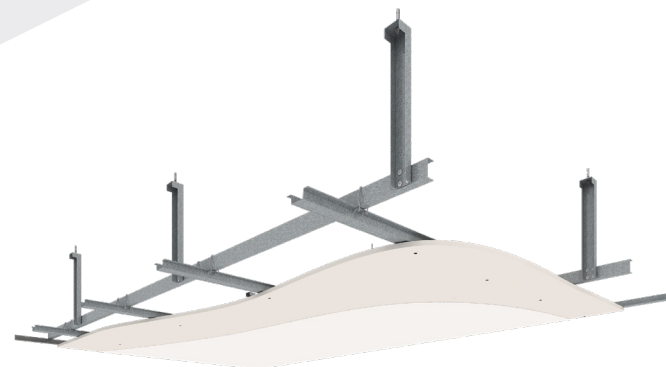
## FEATURES & BENEFITS

- Seamless plasterboard look with fine texture and true acoustical performance of up to 0.9 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/m<sup>2</sup>/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

- Hotels
- Luxurious spaces
- Lobby areas
- Executive or boardrooms
- Conference rooms

MONOLITHIC ACOUSTICAL CEILING (MAC) DRAWING









## MONOLITHIC ACOUSTICAL CEILING (MAC)



PRODUCT  
CERTIFIED  
FOR  
ENVIRONMENTAL  
PRODUCT  
DECLARATION



PRODUCT  
CERTIFIED  
FOR LOW VOC  
EMISSIONS  
GOLD



HIGH SOUND  
ABSORPTION



CEILING  
ATTENUATION  
CLASS



FIRECODE

### DESCRIPTION

USG ME Monolithic Acoustical Ceiling (MAC) offers a seamless plasterboard look with true acoustical performance of up to 0.9 NRC. Installation is similar to standard plasterboard and plasterboard suspension systems.

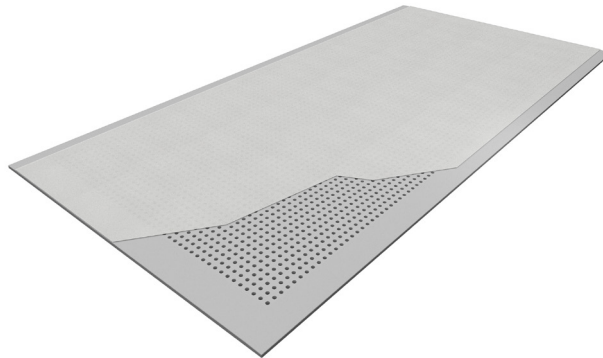
USG ME Monolithic Acoustical Ceiling (MAC) are highly engineered, made of gypsum, and perform like acoustical ceiling panels. The board perforation pattern has 12mm round holes with 20% open area.

### SYSTEM SUMMARY

	Monolithic Acoustical Ceiling (MAC)	
Specification	Weight	≈ 9.05kg/m <sup>2</sup>
	Board Size	1200x2400x12.5mm
	Final Thickness	16mm
	Acoustic Rating*	Up to NRC 0.9
	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	Glass Wool 90mm-thick 14kg/m <sup>3</sup> or Stone Wool 50mm-thick 40kg/m <sup>3</sup>
	Fastener	25mm Type "S" Needle Point Screws
	Joint Tape	USG Sheetrock® Brand Paper Joint Tape
	Joint Compound	USG ME Monosilent Compound
Acoustic Performance**	0.9 NRC	Insulation: Stone Wool 50mm thick, 40 kg/m <sup>3</sup> 100mm Suspension mounting from plenum
	0.9 NRC	Insulation: Glass Wool 90mm thick, 14kg/m <sup>3</sup> 100mm Suspension mounting from plenum
	0.7 NRC	No Insulation, 200mm Suspension mounting from plenum
	0.6 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



### SYSTEM COMPONENTS

- Monolithic Acoustical Ceiling (MAC) Board 12.5mm-thick, 1200mm-wide, and 2400mm in length, with tapered edges. R12-1 pattern with 20% open area.
- USG ME Monosilent Compound.
- USG ME MAC Plaster Spray Applied Finish.
- 50mm-thick 40kg/m<sup>3</sup> Stone Wool or 90mm-thick 14kg/m<sup>3</sup> Glass Wool.
- USG Middle East drywall ceiling suspension system.
- USG Middle East jointing and tape solution.



**Disclaimer:**

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website [usgme.com](https://usgme.com) for the most up-to-date and accurate product information.

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