

CONDITIONS TO BE DISCHARGED:

4) Prior to the installation of the perforated acoustic panels to the ceiling of the training room hereby approved, as shown on drawing no. A10.32 Issue 4: Details - Ceilings (Training Room), material samples of said panels that shall demonstrate their final finish, shall be submitted to and approved in writing by the City Council as Local Planning Authority. The development shall then proceed in accordance with the approved details.

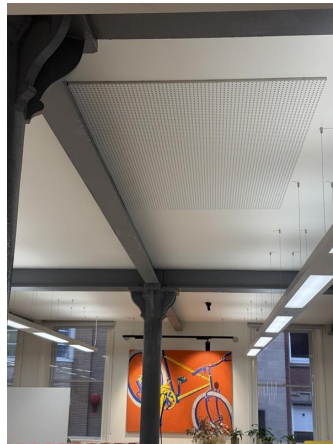
Reason - In the interests of preserving and protecting the historic character and appearance of the listed building in accordance with policies CC9 and EN3 of the Core Strategy, saved policy DC19.1 of the Unitary Development Plan for the City of Manchester and the National Planning Policy Framework.



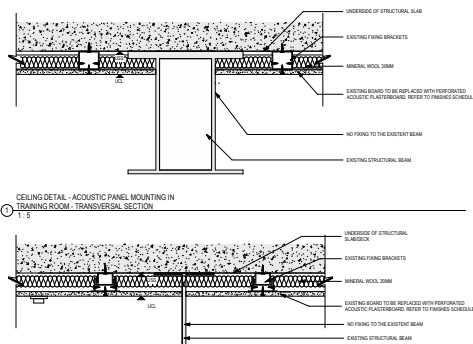
Extent of proposed ceiling acoustic panelling

LEVEL 1 FLOOR PLAN

When viewed from a typical distance, the proposed perforated plasterboard panels closely match the appearance of the existing East Block ceiling and do not draw undue visual attention. The perforations are not readily perceptible and the panels read as a cohesive element, consistent with the wider East Block ceiling.



DECORATED PERFORATED ACOUSTIC PANEL MOCK-UP



CEILING DETAIL - ACOUSTIC PANEL MOUNTING IN TRAINING ROOM - TRANSVERSAL SECTION
1:5

CEILING DETAIL - ACOUSTIC PANEL MOUNTING IN TRAINING ROOM - LONGITUDINAL SECTION
1:5

PROPOSED DETAIL

Product Data Sheet

Rigitone 8/18

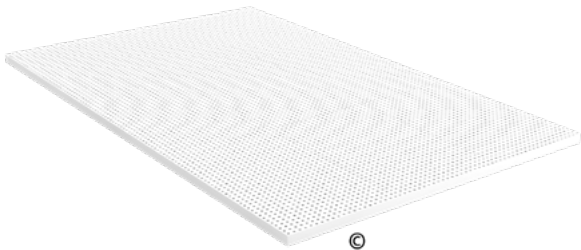
The Rigitone 8-18 acoustic ceiling board helps you create striking seamless surfaces that make a lasting impression.

Its 8mm round perforations and acoustic fleece backing absorb noise to make spaces more enjoyable and easier to use.

All Rigitone products contain ACTIVair® which makes indoor air healthier by eliminating up to 70% of formaldehyde present in indoor air.

Where to use

Use it with the GypCeiling MF or GypCeiling Lining systems to form a suspended ceiling, providing up to Class C sound absorption performance. It can also be used vertically with GypLyner Single or GypLyner Independent systems to create a wall absorber.



Product information

Composition

Gypsum core with an unpainted face and a sound absorbent tissue bonded to the rear.

Backing tissue colour

Black.

DIMENSIONS AND WEIGHTS	
Lengths available (mm)	1998
Width (mm)	1188
Nominal thickness (mm)	12.5
Length: maximum tolerance (mm)	+0
Length: minimum tolerance (mm)	-4
Width: maximum tolerance (mm)	+0
Width: minimum tolerance (mm)	-4
Average thickness tolerance: maximum (mm)	+0.5
Average thickness tolerance: minimum (mm)	-0.5
Perforated area (%)	15.5
Perforation shape	Circle
Perforation size (mm)	8
Perforation spacing (mm)	18
Edge type availability	Square

Product Data Sheet

Rigitone 8/18

Performance

Here we only provide performance information related to the product. Please see the White Book online for system-dependent performance.

Standards

EN 14190:2014.

Declarations of Performance (DoP) available [Click here](#).

Reaction to fire	A2-s1, d0
Acoustic absorption class	Up to Class C
Sound absorption coefficient (α_w)	0.7
Specialist performance	Contains ACTIVair® technology
Moisture resistance (maximum % RH)	70
Minimum bending radius (mm)	5000
Maximum continuous temperature (°C)	49

Limitations of use

Rigitone ceiling products are unsuitable for use above 70% RH, or in temperatures consistently above 49°C. They can be exposed to freezing temperatures without risk of damage.

Fixtures

Rigitone boards must not be subjected to additional loads. Fixings to the ceiling system must always be made into the metal grid or fixed to structural soffit.

Installation guidance

Please see our White Book online for more information about installing and handling British Gypsum systems.

Painting

Boards have an untreated surface. You should prime them with Gyproc Drywall Primer before coating with matt emulsion paint using a short-haired roller. Don't spray paint boards as this affects their ability to absorb sound.

Product Data Sheet

Rigitone 8/18

Sitework

Storage

Rigitone products should be stored flat on a level surface and protected from dampness. Take care to avoid damage to the acoustic tissue bonded to the back face.

Safety Data Sheet

Safety Data Sheet (SDS) available. [Click here.](#)

Packaging overview

Boards per pallet	20
Coverage per pallet (m ²)	47.04
Weight per pallet (tonnes)	0.5

Environmental

Recyclability

Rigitone products are 100% recyclable.

Disposal

British Gypsum operates a Plasterboard Recycling Service; please call 0800 6335040 for further information. Alternatively, segregate the product from non-gypsum waste for recycling where possible, and dispose of it according to local authority requirements.



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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Okarno Limited or Saint-Gobain Isover please see their respective websites.

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