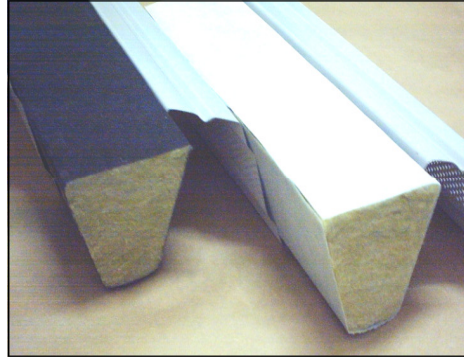


TRAPEZOIDAL ACOUSTIC ROOF INFILLS

- **Supplied to suit any profiled roofing sheet**
- **Simple to install**
- **Excellent acoustic absorption**
- **Water repellent**
- **Maintenance free**



Description

Concept Acoustic Infills consist of rigid slabs of non-combustible mineral wool that have been factory cut to suit the upper profile of structural metal roof decks.

Purpose

Concept Acoustic Infills are designed to prevent reverberation and improve the acoustic environment in buildings with large areas of hard internal surfaces such as leisure centres, school sports halls and swimming pools.

Dimensions

Concept Acoustic Infills are normally supplied 1200mm long and are factory cut to fit the relevant roof profile. Shorter lengths are available on request.

The product can be supplied un-faced although where it is used with perforated metal decks, it is normally faced on the lower three sides with black or white glass tissue. Alternatively it can be faced on all four sides to further decrease the risk of fibre migration.

Density

Concept Acoustic Infills are available in the following grades

Light	45kg density mineral wool core
Standard	60kg density mineral wool core
Dense	80kg density mineral wool core
Fire Rated	100kg density mineral wool core



ACOUSTIC INFILL LINING PERFORATED
STRUCTURAL ROOF DECK

Standards and Performance

The mineral wool slabs used in the production of Concept Acoustic Infills are non-combustible to BS476: part 4: (1984).

The use of Concept Acoustic Infills can contribute towards the satisfaction of a requirement for a ceiling with Class C acoustic absorption. See Approved Document E and Building Bulletin 93 (The Acoustic Design of Schools) for guidance.

Handling and Installation

Concept Acoustic Infills are normally supplied on polyethylene wrapped pallets. Protective weather hoods are included where requested.

The Infills are installed directly into the upper trough of the profiled roofing sheet. All joints should be tightly butted and, where necessary, lengths can be trimmed using a sharp knife or a finely serrated saw.

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