



Cineplex

Glasswool: a tissue-faced
acoustic ceiling tile





Cineplex is a non-combustible Glasswool tile with excellent acoustic and thermal performance.

TECHNICAL DATA SHEET



SOUND INSULATION & ABSORPTION

DESCRIPTION

Cineplex ceiling tiles are manufactured from non-combustible inorganic Glasswool and bonded with an inert thermosetting resin binder. The tile is faced with a black non-woven glass tissue for optimal sound absorption. It is most commonly used in commercial buildings such as cinemas where high soundproofing performance is required, but can also be used in other areas where optimal sound absorption is required.



THERMAL COMFORT

QUALITY MANAGEMENT SYSTEM

Isover products are manufactured according to ISO 9001:2015.



ENVIRONMENTALLY FRIENDLY RECYCLED GLASS

ENVIRONMENTAL SUSTAINABILITY

Isover products are manufactured according to ISO 14001:2015.

Less material, less energy and less emissions

- Zero ozone depleting potential (ODP)
- Zero global warming potential (GWP).



UNIQUE LIGHTNESS

FEATURES & BENEFITS

- Lightweight and easy to handle
- Exceptional acoustic properties
- Good thermal resistance values
- Safe application and use
- Will not sag when correctly installed.

FIRE PROPERTIES

- Non-combustible tested to SANS 10177 Part 5.

THERMAL PROPERTIES

Contributes to indoor comfort and contributes to lifelong savings by reducing heat loss/gain due to the inherent thermal insulation properties.

ACOUSTIC PROPERTIES

Offers exceptional acoustic properties and enhances indoor environmental quality by absorption of noise. Reduces sound transmission to and from a room or building.

APPLICATIONS

Suspended ceilings in commercial buildings such as cinemas.

DURABILITY

- Odourless, inert and fully compatible with all standard building materials and components
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic
- Dust settlement will not hamper the product's performance.

PHYSICAL PROPERTIES

R-value (m ² .K/W)	Thickness (mm)	Length (mm)	Width (mm)	Density (kg/m ³)	K-value (W/m.K)	Qty/box
1.25	40	595	595	40	0.032	20
1.25	40	1195	595	40	0.032	10

Typical values

Also available in standard grid sizes of 600 x 600 mm

Thickness (mm)	Installation	Noise Reduction Coefficient (NRC)	Sound Absorption Coefficient (Frequency in Hz)				
			125	250	500	1 000	2 000
40	Without Plenum	0.8	0.19	0.38	0.75	0.95	1.03
40	300 mm Plenum	0.9	0.74	0.80	0.79	0.98	1.01

Typical values

TOOLS NEEDED FOR INSTALLATION

Cineplex acoustical ceiling tiles are designed to fit standard grid systems. Hold down clips are provided to secure ceiling tiles in the grid system. A sharp knife/blade to be used for trimming/sizing of tiles.

INSTALLATION INSTRUCTIONS & PRECAUTIONS

1. Cineplex acoustical ceiling tiles are laid in a suspended ceiling grid system and, where instructed by the architect, secured by means of hold down clips as supplied by Isover.
2. The contractor is to take care when installing the tiles to ensure that the facings are kept free from dust and grime, finger-marks or any other possible blemish or damage.
3. No damaged tiles are to be installed and extreme care is to be taken when further work is carried out on the ceiling (e.g. installation of the light fittings).

4. Any light fitting, fan or any other fixture is to be independently secured by whatever means required and should not rest on the ceiling tile so as not to put any pressure on the tile whatsoever.
5. The ceiling grid is to be laid out as per the manufacturer's instructions.

HANDLING & STORAGE

Store product under cover and in dry conditions. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

ARCHITECTURAL SPECIFICATION

Install 40 mm thick "Cineplex" acoustic ceiling tiles with T-sections, hangers, hold down clips etc. Installation strictly in accordance with manufacturer's detail and specification.



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