

HEALTH AND SAFETY AT WORK ACT
CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH
REGULATIONS 2002 (COSHH)

The above regulations came into effect on the 1st October 1989 and place a number of extra responsibilities on employers. These include an awareness of any product or substance, which they, or their employees may use, which could be hazardous to health.

To assist you in meeting the requirements of the above regulations we have compiled the enclosed Product Safety Data sheet. As can be seen the sheet refers specifically to our zintec ceiling system as this is by far the most common.

The Data sheet covers the following items:

- Zintec ceiling tiles
- Galvanised steel and Zintec support grid
- 45kg/m³ 25mm thick mineral wool insulation pad
- SRA/15 Acoustic board

This Data sheet is also relevant for Stainless steel, Galvanised steel and Aluminium ceiling tiles.

We trust this information will assist you in achieving the requirements of the above regulations, however should you require any further information please do not hesitate to contact us.

Yours faithfully,

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1. IDENTIFICATION

Metal Suspended Ceiling System.

2. COMPOSITION

Zinc coated (Zintec) tiles with Zintec/Galvanised steel gridwork. Finished with a high solid Polyester coating.
Extras:

- Aluminium or Polythene wrapped 45kg/m³ 25mm thick mineral wool insulation pad.
- SRA/15 insulation board. Mineral (manmade), Cellulose fibres, Clay and other inorganic fillers content.

3. HAZARD IDENTIFICATION

Once installed and in normal use, the ceiling system does not present any health hazards or risks.
Tiles and support grid often have sharp exposed edges or burrs.
Cutting of tiles and grid may produce dust and fumes.
Unwrapped mineral wool pads may cause temporary skin irritation. High dust levels may irritate the throat or eyes.

4. FIRST AID MEASURES

GENERAL: In all cases of doubt or when symptoms persist seek medical attention.

EYES: If irritation occurs wash eyes with water.

SKIN: If irritation occurs, wash skin with soap and water.

5. FIRE FIGHTING MEASURES

The products do not pose a fire hazard. However, some packaging materials or facings may burn.

Suitable Extinguishing Media: Water, foam, carbon dioxide, dry powder

Products of combustion: Carbon dioxide, carbon monoxide and some trace gases.

6. ACCIDENTAL RELEASE MEASURES

Not applicable

7. HANDLING AND STORAGE

Avoid unnecessary handling of unwrapped pads. Be careful of exposed edges when handling tiles.

Care should be taken to keep the product dry at all times.

Cartons of tiles may weigh up to 50kg so care should be taken when lifting and the use of protective footwear is recommended.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

METAL CEILING COMPONENTS:

Occupational Exposure Limit - Iron Oxide, Fume: 5mg/m³. 8 hour Time Weighted Average.

Occupational Exposure Limit - Zinc Oxide, Fume: 5mg/m³. 8 hour Time Weighted Average.

When handling the product the wearing of gloves is recommended and the wearing of protective head gear when fitting the ceiling is advisable.

Ensure adequate ventilation when cutting tiles and pads and eye protection is recommended along with the wearing of a face mask where required.

UNWRAPPED PADS:

Maximum Exposure Limit - Airborne dust: 5mg/m³. 8 hour Time Weighted Ave. (gravimetric method).

Respiratory protection: In confined spaces it is recommended that disposable face masks complying with EN149 FFP1 or FFP2 should be used and are suitable for most applications to improve comfort.

Hand protection: Not normally required, but gloves may be worn for comfort.

Eye protection: When working with product above head height, eye protection is advised.

Skin protection: No special requirement other than loose clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Zintec metal pan clip-in tiles with Zintec and galvanised steel support grid. Aluminium or Polythene wrapped mineral wool insulation pads. SRA/15 mineral/fibre acoustic pads.

Melting point: Above 600°C.

Solubility: Insoluble in water and generally chemically inert.

10. STABILITY AND REACTIVITY

No special physical conditions need to be avoided.

No restrictions regarding incompatible materials

11. TOXICOLOGICAL INFORMATION

METAL CEILING COMPONENTS: No identified effects.

UNWRAPPED PADS:

Committee on Carcinogenicity (COC) recommends that mineral wool fibres are not classified for carcinogenicity under the EU dangerous Substances Directive.

No link between exposure to mineral wool fibres and lung disease in production or user industry.

No chronic effects usually associated with skin or eye contact.

12. ECOLOGICAL INFORMATION

Stable product with no known adverse environmental effects.

13. DISPOSAL CONSIDERATIONS

No special precautions. As non-hazardous products, may be dumped in waste landfill.

14. TRANSPORT INFORMATION

No special precautions

15. REGULATORY INFORMATION

No special labeling required. Products are articles not substances and, as such, not subject to the Chemicals (Hazard, Information and packaging) Regulations 2002 - CHIP.

COSHH Regulations (Pad) - Schedule 1: MEL of 5mg/m³ dust, 8 hour TWA (gravimetric) applies to all mineral wool dust.

16. OTHER INFORMATION

Health and Safety at Work Act Control Of Substances Hazardous to Health Regulations 2002 (COSHH)

Eurisol Health Statement - Eurisol, 39 High St., Redbourn, Herts, AL3 7LW.

HSE Guidance Note EH46: Man-made mineral fibres.

HSE Guidance Note EH40: Occupational Exposure Limits.

HSE Health and Safety at Work Booklets No.1 - Lifting and Carrying.

British Steel plc - Product Health and Safety Data Sheet No.18

COC Annual Report on Carcinogens: 1994.