

## Product data sheet

## Non Autoclaved Products

## 1. Products and Company Identification

## Product Names:

Profile 3	Trafford Tile	Natura
Profile 5	Deep Profile/Major Tile	Pelicolor
Profile 6	Rainwater Goods	Double 6 Induco M

## Description:

**Profiled Sheets** Their natural colour is light grey with a smooth surface. They may be coloured by factory applied surface coatings.

Profile 3  
Profile 5  
Profile 6  
Trafford Tile  
Deep Profile/Major Tile  
Rainwater Goods  
Lining Panels  
Double 6  
Monad

**High Performance Claddings** Large rigid, rectangular sheets in natural grey, factory applied coatings and by through colour.

Pelicolor  
Natura

## Flat Building Sheets

Induco M

## 10. Stability and Reactivity

They are chemically inert and resistant to the majority of fumes, weak acids and alkalis. In the case of extreme or aggressive environments, the advice of Eternit's Technical Department should be sought.

## 11. Toxicological Information

**Inhalation** Acute over – exposure to dust may cause irritation of the respiratory tract.

**Skin Contact** Prolonged or repeated contact may cause mild irritation.

**Skin Absorption** No known hazard.

**Ingestion** Mild discomfort.

**Eyes** Mild transient irritation. No specific hazard.

## 12. Ecological Information

Fibre cement products will not degrade in the ground.

## 13. Disposal Considerations

The waste product is a non hazardous industrial waste and is not regarded as hazardous waste under the Hazardous Waste (England & Wales) Regulations 2005.

Treat any collective dust in a way that prevents further exposure.

## 14. Transport Information

Other than good haulage practice in securing the consignment, no special precautions need to be taken.

## 15. Regulatory Information

- Health and Safety at Work etc. Act 1974
- Control of Substances Hazardous to Health Regulations 2004
- Construction (Health Safety and Welfare) Regulations 1996
- Manual Handling Operations Regulations 1992
- HSE Guidance Note EH40/2005 (Occupational Exposure Limits)
- HSE Guidance Note EH44 (Dust – General Principles of Protection)
- HSG 33 Health and Safety in Roof Work
- The Construction (Design and Management) Regulations 1994
- ACR(M)001:2005 Non Fragility of Profiled Sheeted Roofing Assemblies (3rd Edition)
- ACR(CP)001:2003 Recommended Practice for Work on Profiled Sheeted Roofs.

The health and safety information contained herein is believed to be accurate and correct at the date of issue. No liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use of the product under normal conditions.

## 16. Other Information

- Cladding Design Guide
- Eternit Profiled Sheeting Compendium
- Choosing and Using

Marley Eternit Limited  
Meldreth, Nr Royston  
Hertfordshire SG8 5RL  
Tel: 01763 264686



Marley Eternit Limited  
Meldreth, Nr Royston  
Hertfordshire SG8 5RL  
Tel: 01763 264686



## 2. Composition/Information on Ingredients

Manufactured from Portland Cement and water, reinforced with natural and synthetic fibres and fillers, either fully or semi-compressed. If through coloured they will contain pigments. If surface coated the coating will be a water based acrylic resin with pigments.

## 3. Hazard Identification

Primary entry route(s) Inhalation of dust

Medical Conditions (which may be aggravated) Respiratory conditions

Target Organs Lungs

Profiled sheets may be reinforced with polpropylene strips to improve their impact resistance.

No fibre cement product should be walked on, as this will affect its long-term durability, crawling boards must always be used.

## 4. First-Aid Measures

Inhalation Remove to fresh air

Skin contact Wash thoroughly with water

Ingestion Give plenty to drink

Eyes Flush copiously for at least 15 minutes. If irritation or discomfort persists – seek medical advice.

## 5. Fire- Fighting Measures

Fibre cement products are non-combustible or class "0" and compatible with all standard fire-fighting measures.

## 6. Accidental Release Measures

Procedure for Spill/leak Collect dust with vacuum cleaner or soak with water and sweep up.

## 7. Handling and Storage

**7.1 Handling** Off- loading of heavy loads should be carried out with care, to avoid unnecessary strain on the handlers and accidental damage to the product. Mechanical handling equipment should always be used if available.

**7.2 Storage** Profiled sheets should be stored as near as possible to the area where they are to be used, away from roadways and vehicular traffic. They should be stacked horizontally on level firm ground with sheets on timber bearers.

**7.3** Painted profiled sheets should not be allowed to become wet in storage. If sheets are stored outside, the polythene hood should be removed and covered with a tarpaulin. This is to allow free air movement and to avoid the risk of condensation forming within the pack, which could cause efflorescence.

## 8. Exposure Controls/Personal Protection

### 8.1 Safety recommendations when handling or machining these products

The use of angle grinders is not recommended

Profiled Sheeting  
Rainwater Goods  
Can be cut using a handsaw, having teeth 3 - 5.5mm pitch, preferably wide set. If power-operated cutting tools are preferred, use a reciprocating saw in order to avoid creating nuisance dust. Holes must always be drilled not punched.

High Performance  
Cladding  
These should be precut and drilled by specialist distributors, a list of whom can be supplied on request.

For further information on particular products refer to the brochures listed at the end.

After cutting or drilling remove all dust from coloured materials to avoid subsequent staining.

## 8.2 Occupational exposure limits EH40/2005

Workplace exposure limits  
Dust - 8hr T.W.A. = Time Weighted Average

10mg / m<sup>3</sup> total inhalable dust  
4 mg / m<sup>3</sup> total respirable dust

## 8.3 Personal Protective Equipment

**Goggles** Persons employed in machine cutting, drilling or fixing should wear protective goggles (CE approved to BS 2092).

**Gloves** Should be worn for protection against cuts and abrasions.

**Respirator** Approved respiratory protective equipment should be made available to persons working in concentrations above or around the WEL

**Ventilation** Dust should be controlled by local exhaust ventilation at source.

**Other** Normal protective working overalls.

## 9. Physical and Chemical Properties

**Profiled Sheets** Have an nominal density of 1450 kg/m<sup>3</sup> the minimum breaking load of the Profiles when tested to BS EN 494 are listed below:

Profile 3	1400 N/m
Profile 5	2500 N/m
Profile 6	4250 N/m
Profile 76	4250 N/m

<b>High Performance Cladding Sheets</b>	Average Bending Strength N/mm <sup>2</sup>	Average Density Kg/m <sup>2</sup>
---	--	-----------------------------------

Natura	20	1700
Pelicolor	20.5	1650

**Rainwater Goods** Have an nominal materials density of 1450 kg/m<sup>3</sup>

Odour None

Flammability Fire – Fibre cement products are Class"0" to the building regulations.