

## TECHNICAL INFORMATION SHEET

### Applications

Waterproof covering for thermal insulation on pipework and ventilation trunking.

### Description

Tough, waterproof and weather resistant rubber sheet based on Polyisobutylene (PIB). It is coloured black and has excellent resistance to abrasion, mechanical damage and weathering. It has very low water vapour permeability, is unaffected by sunlight, ozone and extremes of temperatures and will not crack with age.

PIB Sheeting is easy to install using solvent welding, Suitable welding agents 1 solvents are readily available. No special adhesives are required.

The sheet is dusted with talc to ensure smooth, easy unwind from the roll.

### Typical Properties

	2581	2592	2583
Thickness:	0.5mm	0.8mm	1.0mm
Roll Length:	25m	15m	12m
Tensile strength:	18MN/m <sup>2</sup>		
Elongation at break:	450% minimum		
Temperature range:	-34°C to 80°C		
Water Vapour Permeability:	0.27g/m <sup>2</sup> /layer/24 hrs at 38°C and 90% RH		
Specific Gravity:	1.55		
Solvent Resistance:	Not resistant to attack by many aromatic, aliphatic hydrocarbon solvent and oils. If in any doubt as to which solvents and oils, please contact our Technical Department.		

### Painting

It is not recommended that the PIB sheeting is overpainted.

The properties given are average values except where otherwise stated and this information sheet should not be treated as a specification nor used for the purpose of writing specifications.

Rolls are packed in cardboard tubes and should be stored in a horizontal position in these tubes until required for use. Part used rolls should be returned to their tubes for protection on site. Rolls should be stored in a cool place: away from direct sunlight.

### Specifications

The sheeting conforms to Department of Environment (M&E) No. 3 Specification.

### Health and Safety

There are no known hazards associated with the use of this PIB Sheeting.

**IMPORTANT:** Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves that the product is suitable for the purpose intended.