



## Thermstrip TS46 Folding Sliding Door

The AMS Thermstrip 'TS66' window system offers unique patented architectural design features combined with market leading thermal performance.

This thermally broken casement window system combines polyurethane resin with an multi chamber isolator core which assist in meeting and exceeding the thermal requirements of the current building regulations.

### Introduction

The system incorporates a 12.5mm polyurethane thermal break and can be glazed both internally and externally with double glazed units from 24mm to 28mm. The system can be either open in or open out and its flexibility in design allows many different configurations.

### Thermal Performance

Thermstrip TS46 is designed to offer the specifier excellent aluminium thermal u-frame values in conjunction with the correct glass specification to achieve overall target u-values or equivalent energy ratings on specified projects.

### Scope

This specification defines materials, fabrication, paint finishes, and size limitations for rebated thermal doors.

### Materials

Aluminium profiles are extruded from aluminium alloy 6063 T5 and T6 complying with BS1474 – BS EN 12020-2:2001 / BS EN 755-9:2001.

### Paint Finishes

#### Polyester Powder Coatings

Aluminium profiles can be dual colour polyester powder coated to BS6496.

AMS offers in house painting with the following paint suppliers –

- IAzko Nobel Interpon D
- Beckers Powder.

Powder coating thickness between 60 – 80 microns. For hazardous or marine environments special application needs to be applied for prior to commencement of the project.

#### Decoral

Aluminium profiles can be polyester powder coated with a woodgrain effect paint finish to BS6496.

#### Anodised

Aluminium profiles can be anodised to BS3987.

