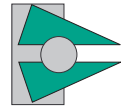


# SPECIFICATION



**AMS** Architectural  
& Metal Systems



## Thermstrip TS46 Tilt & Turn Window

The AMS Thermstrip TS66 Tilt & Turn 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 the thermal requirements of the current building regulations.

### Introduction

The suite of profiles have short, long, equal leg and unequal leg sections to accommodate all anticipated framing options. Various other profiles can be designed and incorporated allowing architects to achieve flexible project specific designs. The system can be glazed both internally and externally with double glazed units from 28mm through to 48mm with fixed pane, side hung and bottom hung open in configurations. The system is also internally beaded for additional security.

### Thermal Performance

Thermstrip TS66 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 tilt & turn windows.

### 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 –

- Azko Nobel Interpon D
- Du Pont Alesta
- Beckers Powder

#### Decoral

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

#### Anodised

Aluminium profiles can be anodised to BS1615 or BS3987.

