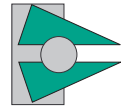


# SPECIFICATION



**AMS** Architectural & Metal Systems

## Thermstrip TS66 Energy Casement Window

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 suite of profiles has 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 & triple glazed units from 28mm, through to 48mm with fixed pane; side hung, top hung and open in and out configurations.

### 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 casement 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 EN 12206:2004. AMS offers in house painting with the following paint suppliers –

- Interpon D - Azko Nobel
- DuPont - Alestia
- Beckers.

Pre-treatment is an 8 stage, chromate free, process and a 25 year guarantee is offered. Projects in close proximity to marine/ hazardous environments will require special application for guarantee prior to painting any material.

#### Decoral

Aluminium profiles can be polyurethane powder coated with a woodgrain effect paint finish to EN 12206:2004.

#### Anodised

Aluminium profiles can be anodised to BS3987.



