



# RJ Facades

## EVT II Thermal Pad

### Product Data Sheet



Thermal pad **designed** and  
**manufactured** in the **UK**

**Created** to mitigate  
thermal penetrations and  
**increase** thermal  
**performance**



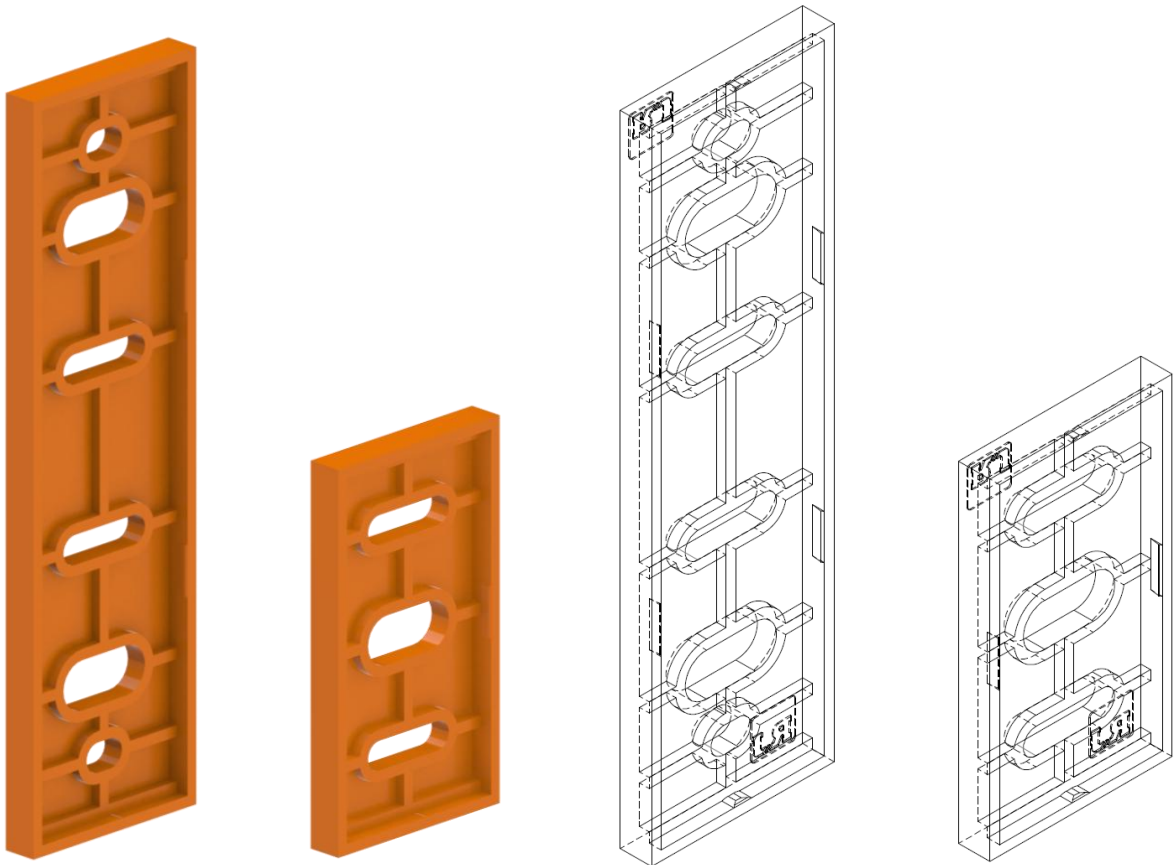


## EVT II Thermal Pad

Our thermal pads are injection moulded from Polypropylene – Impact Copolymer. The pads incorporate WPL53-001, a Polypropylene based Flame Retardant additive to provide a FR standard of V2 under UL94 regulations.

They come assembled onto our EVT II aluminium helping hand brackets, and have a clip-on design, which works either way on the bracket. Removing any need for flammable adhesive.

They are 5mm thick, with a wraparound style to aid in the resistance of thermal bridging.





## Data

Mechanical Properties	Test Standard	Unit	Value
Flexural strength	ISO 178:2001	MPa	1350
Tensile strength at yield	ISO 527-1,-2	MPa	25
Izod impact strength, notched	ISO 180/A	kJ/m <sup>2</sup>	10 at 23°C 6 at -20°C
Charpy impact strength	ISO 179-1,1eA	kJ/m <sup>2</sup>	10 at 23°C 5 at -20°C

### Thermal Properties

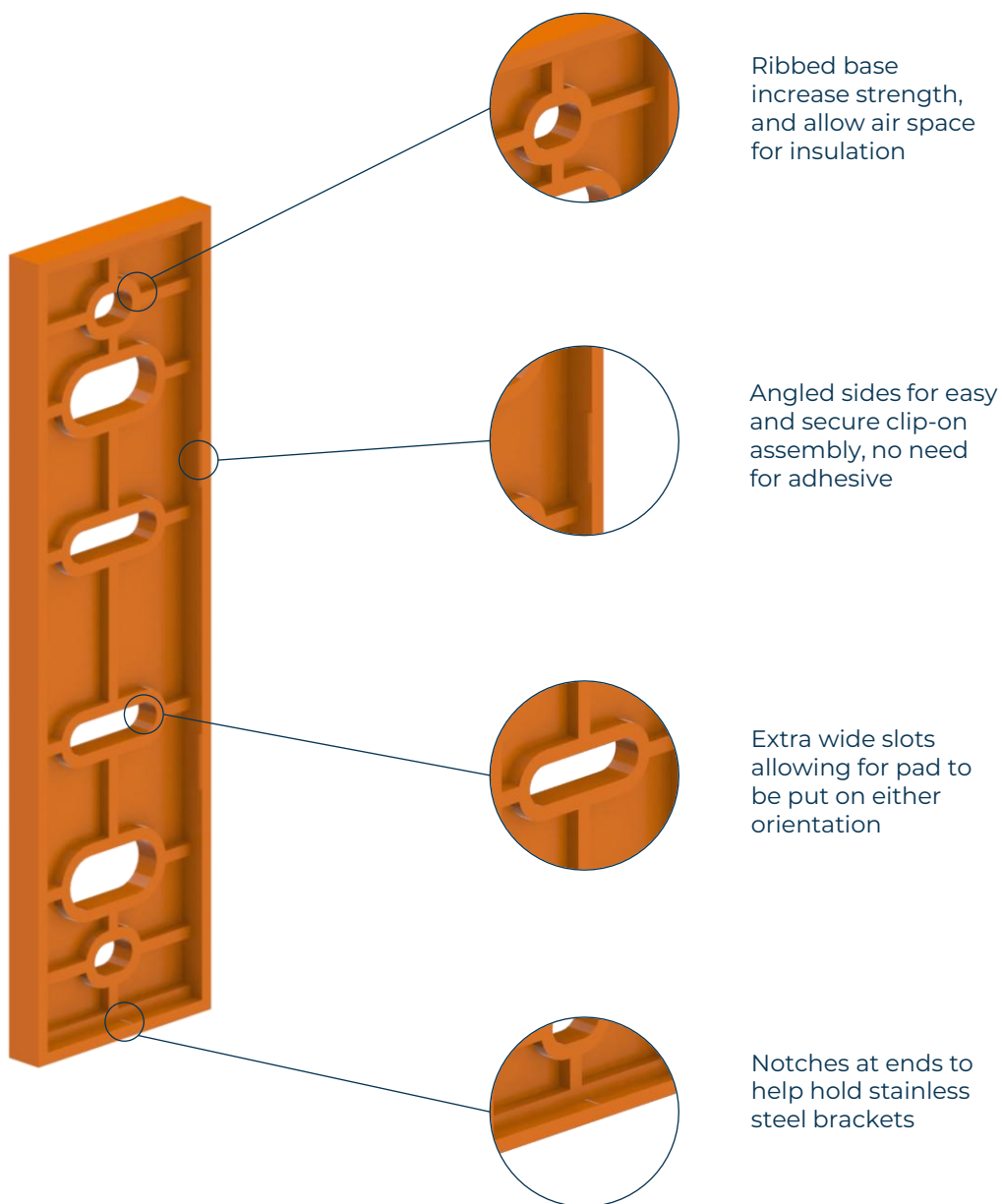
Thermal conductivity	-	W/mK	0.22
Heat deflection temperature	ISO 75-2	°C	96

### Flame Retardant Additive WPL53-001

WPL53-001 is a Polypropylene based Flame Retardant additive, to be used for a wide range of injection moulding applications. Used at the suggested addition rate will provide you end applications with a FR standard of V2 under UL94 regulations.

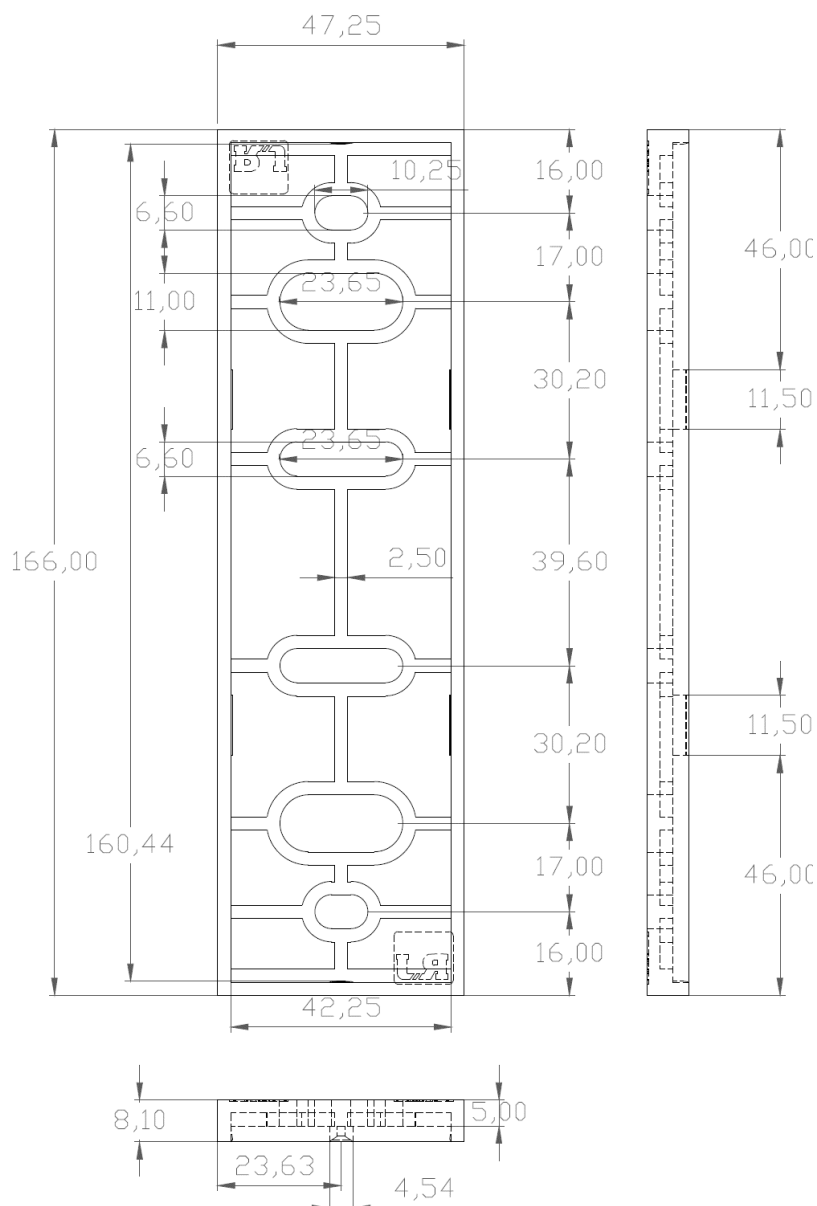


## Design Features



## Drawings

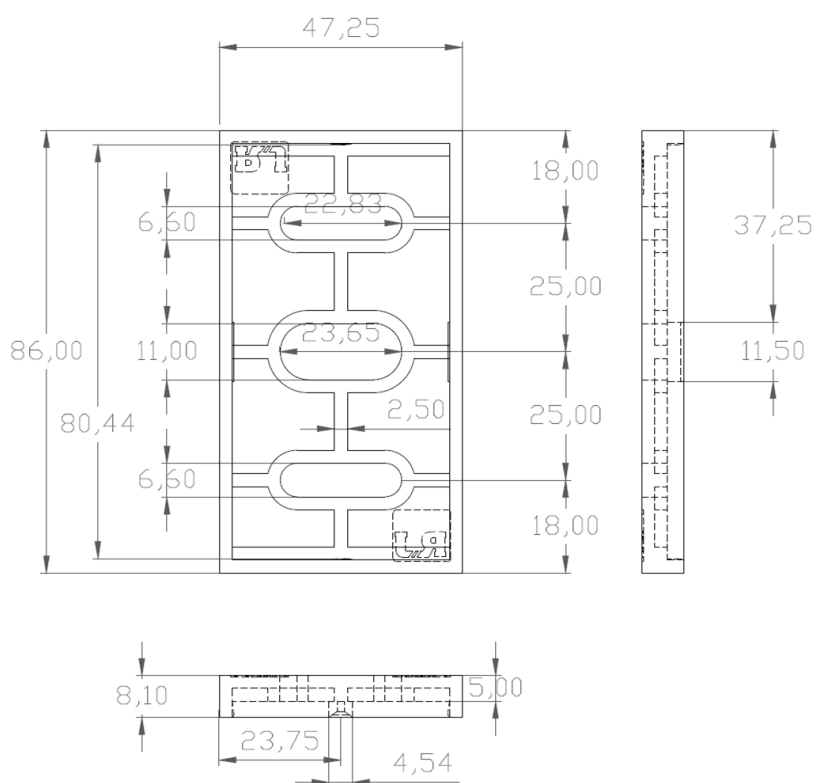
## Fixed Point Thermal Pad



Full PDF drawings found on our website. Please contact [technical@rjfacades.com](mailto:technical@rjfacades.com) for DWG.

# Drawings

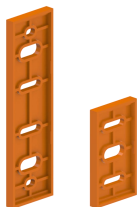
## Sliding Point Thermal Pad



Full PDF drawings found on our website. Please contact [technical@rjfacades.com](mailto:technical@rjfacades.com) for DWG.



# Product codes and Descriptions



Code	Description	Thickness	Pack Qty
Thermal Pad for Single brackets			
130530	EVT II Thermal pad 80 x 42mm	5mm	1
Thermal Pad for Double brackets			
130531	EVT II Thermal pad 160 x 42mm	5mm	1



