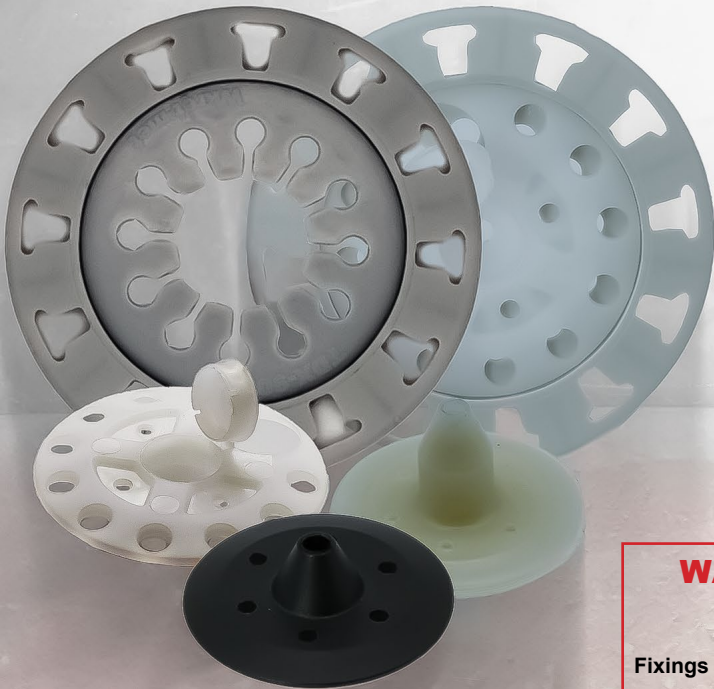




**ELITE**  
FASTENERS LTD  
Specialist Distributors to the Construction Industry

# INSULATION RETAINING WASHERS

A GUIDE  
FOR USE WITH OUR  
**IS AND ERS**  
FASTENERS



## INSULATION RETAINING WASHERS

For securing insulation to timber and sheet steel when used with Evolution drywall, IS etc

## WARM ROOF DECK FIXING

Fixings to anchor down insulation for use on warm roof deck.  
These fixings reduce the impact from hotcold bridging.

## STRESS PLATES

Spreading the loading when fixing membrane, insulation and single ply materials in roofing applications, preventing the material being fastened from pulling over the head of the fastener.

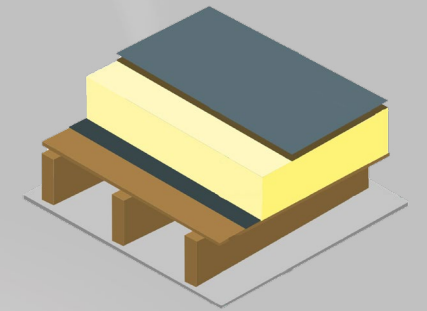




**RW WITH IS FASTENER**

### Warm Roof and Deep Insulation Systems

The great thicknesses of insulation used in commercial roofing require an innovative solution to meet the working lengths required. The **RW washer system** provides additional length to the IS product range allowing all thicknesses of insulation to be retained. An additional benefit of the RW washer system is that it is **telescoping** and will not be affected by movement on the roof when maintenance and access is required.

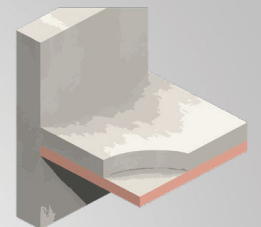


**SPR WITH ERS FASTENER**

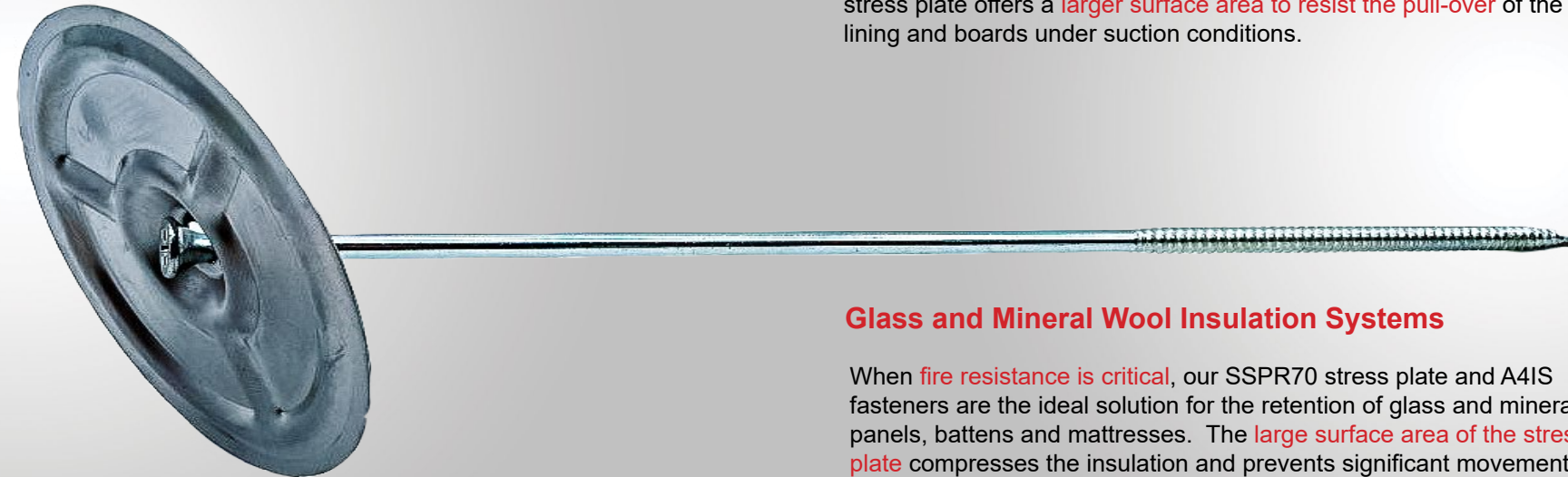


### Soffit Insulation Retention

The **ERS fastener** is ideal for retaining soffit insulation and lining boards to masonry and concrete substrates. The aggressive **buttress thread form** ensures maximum resistance to wind loads is achieved. The SPR90 stress plate offers a **larger surface area** to resist the **pull-over** of the soffit lining and boards under suction conditions.

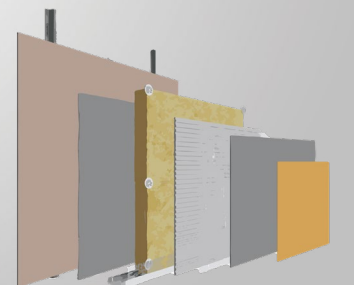


**SSSPR WITH A4IS FASTENER**

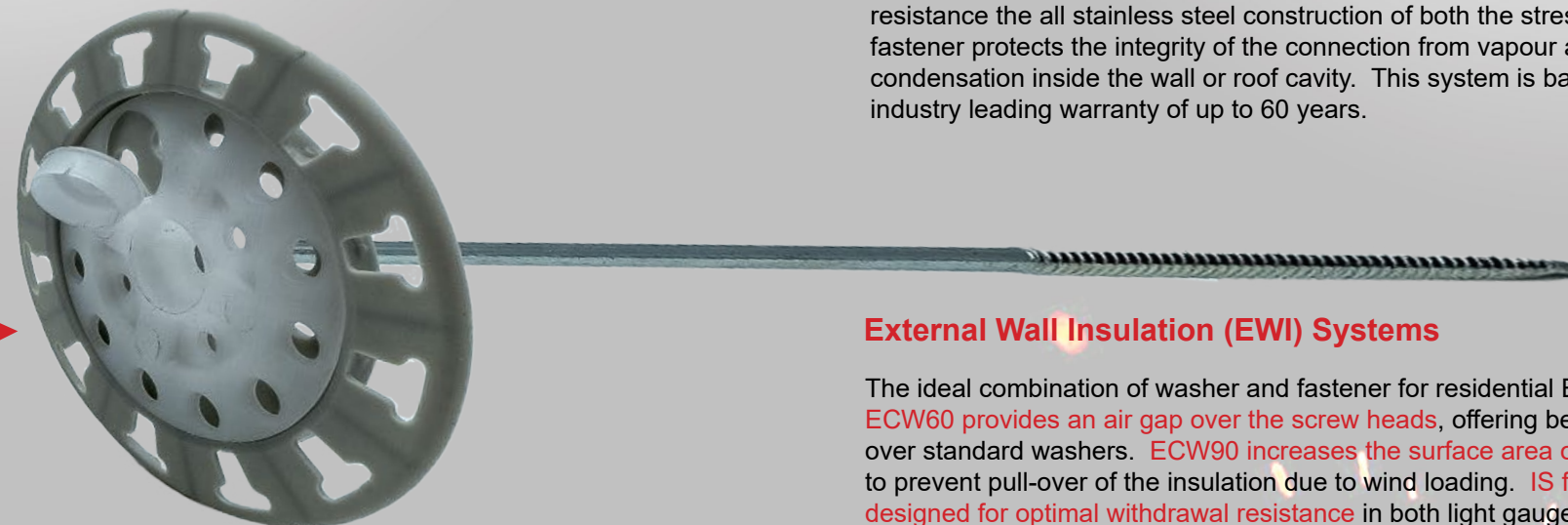


### Glass and Mineral Wool Insulation Systems

When **fire resistance is critical**, our SSSPR70 stress plate and A4IS fasteners are the ideal solution for the retention of glass and mineral wool panels, battens and mattresses. The **large surface area of the stress plate** compresses the insulation and prevents significant movement of the insulation pile. In addition to its **Class A1 fire classification** and R60 fire resistance the all stainless steel construction of both the stress plate and fastener protects the integrity of the connection from vapour and condensation inside the wall or roof cavity. This system is backed by our industry leading warranty of up to 60 years.

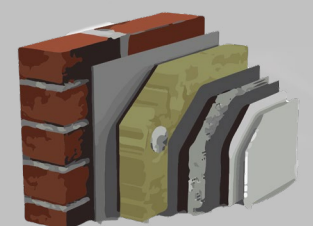


**ECW60 AND ECW90 WITH IS FASTENER**



### External Wall Insulation (EWI) Systems

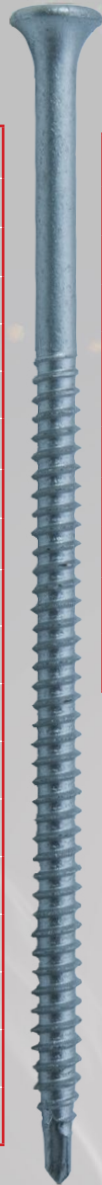
The ideal combination of washer and fastener for residential EWI systems. **ECW60** provides an air gap over the screw heads, offering better u-values over standard washers. **ECW90** increases the surface area of the washer to prevent pull-over of the insulation due to wind loading. **IS fasteners** are designed for optimal withdrawal resistance in both light gauge Structural Framing Systems (SFS) and timber framing systems. The IS fastener can be **interchanged with the A4IS variant** for ultimate corrosion protection.



# PRODUCT RANGE

## SELF DRILLING INSULATION

CODE	SIZE
IS60	4.8 x 60 mm
IS80	4.8 x 80 mm
IS100	4.8 x 100 mm
IS110	4.8 x 110 mm
IS120	4.8 x 120 mm
IS130	4.8 x 130 mm
IS140	4.8 x 140 mm
IS150	4.8 X 150 mm
IS160	4.8 x 160 mm
IS170	4.8 X 170 mm
IS180	4.8 X 180 mm
IS190	4.8 X 190 mm
IS200	4.8 X 200 mm
IS220	4.8 X 220 mm
IS240	4.8 X 240 mm
IS260	4.8 X 260 mm
IS280	4.8 X 280 mm
IS300	4.8 X 300 mm



## A4 STAINLESS STEEL IS

CODE	SIZE
A4IS45	4.8 x 45 mm
A4IS60	4.8 x 60 mm
A4IS80	4.8 x 80 mm
A4IS100	4.8 x 100 mm
A4IS120	4.8 x 120 mm
A4IS140	4.8 x 140 mm
A4IS160	4.8 x 160 mm
A4IS180	4.8 x 180 mm
A4IS200	4.8 x 200 mm
A4IS240	4.8 x 240 mm



## ERS

CODE	SIZE
ERS76	76 mm
ERS100	100 mm
ERS127	127 mm
ERS152	152 mm
ERS176	176 mm
ERS200	200 mm
ERS225	225 mm
ERS250	250 mm



## STRESS PLATES



CODE	SIZE
SPR50	Round 50mm
SPR70	Round 70 mm
SPR90	Round 90 mm
SP082	Oval 82 x 40 mm
SSSPR70	A2 Stainless Steel - Round 70 mm

## FLAT WASHERS



CODE	SIZE	DIAMETER
EVNW35	35 mm nylon	35 mm
EVPPW50	50 mm polyprop	50 mm

## INSULATION RETAINING WASHERS



CODE	SIZE	DIAMETER
RW5	5 mm Recess	46 mm
RW18	18 mm Recess	46 mm
RW65	65 mm Recess	50 mm
RW105	105 mm Recess	50 mm
RW165	165 mm Recess	50 mm
ECW60	12 mm Recess	60 mm
ECW90	Fits ECW60	90 mm

**CONTACT US FOR INFORMATION AND PRICING**

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