



**S**  **L THERM**  
EWI SYSTEM

RELIABLE INSULATION SYSTEMS **BASED ON EXPERIENCE**

# SOLTHERM EXTERNAL INSULATIONS LTD

Soltherm is one of Europe's largest manufacturers of External Wall Insulation, with over 100 million square meters of insulation installed to date, our system keeps residents warm, improves health, protects from fuel poverty and provides a great looking home.

## SAFE AND QUALITY PRODUCTS IS IN OUR DNA:

**WIND LOAD RESISTANT** - Our Cross-Knot system delivers unmatched strength

**IMPACT RESISTANCE** - our system can be designed to 150 joules, providing anti-social protection against vandalism, 150 joules means that a blow from a hammer will not damage the system, it is the strongest in the UK.

**BIOLOGICAL** - the system is designed to minimise microbial growth. Our unique biological protection treatments keep fungi and other airborne biological elements at bay within the render, and through our maintenance capabilities we can ensure that over the life of the property that our system is not vulnerable to discoloration, mould, fungi's – ensuring that investment in renewing your properties lasts over the whole life of the product.

**SERVICING** - Due to the quality of our renders and impact resistance, the systems can be pressure washed and treated over the full life of the product to ensure it looks great through its whole life

**ELEMENT PROTECTION** - Soltherm system is crack free, and has significant hydrophobic properties in actively repelling water from the surface.

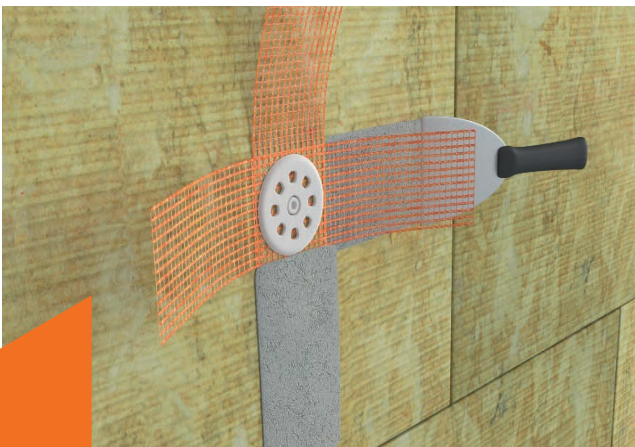


# CROSS KNOT

The force of the wind has substantial impacts on buildings, particularly high-rise tower blocks and properties in high exposure areas.

On such projects, Soltherm recommends the use of Cross Knot, an enhanced method of fixing External Wall Insulation to the substrate. It is created, by driving a mechanical fixing through two crossed strips of glass-fibre mesh made from the standard glass-fibre mesh installed during the reinforcing coat stage.

The Cross Knot benefits the client by meeting new levels of structural strength and stability and to the Installer who knows that there will be no danger of delamination.





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