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## Why use the SW 890 MS Polymer Elastic Flexible Adhesive and How to apply it.

There are many adhesives in the market that will fully bond wood flooring to different substrates. The importance of using the correct adhesive cannot be stressed enough.

A lot of adhesives “FAIL” because they do not have the movement accommodation factor of our SW890 adhesive. This is crucial where underfloor heating is used or where local environmental controls are not effective, allowing excessive humidity and moisture variance.

The SW890 adhesive you take from us is an Elastic adhesive with a movement accommodation factor (MAF) of approximately 300% of the adhesive bed thickness. As such it distributes and lowers all shear stresses caused by expansion and contraction across the entire surface area of the adhesive, thus avoiding high stress peaks which normally form at the edges of boards with rigid adhesives causing premature failure.

In this way the Elastic SW890 will withstand excessive movement and stress caused by changing climatic conditions throughout the seasons. The adhesive must be applied correctly and depending if there is underfloor heating or not at the correct thickness. Normally 3mm is more than sufficient with engineered boards up to 190mm wide but you may want 5mm for larger boards and especially solid Oak.



The image to the left shows how the adhesive should be applied. You must always use the correct trowel which is dictated by the board and subfloor.

We will complete site visits if required to advise both in terms of installation and the prevailing conditions on site for moisture and humidity levels.

