

# Rewmar

## Comparison between Rewmar MS Polymer Adhesive and Sika T52 & T54

As the name suggests Rewmar MS Polymer is a MS Polymer based flexible adhesive, the information below is taken from the Rewmar & Sika data sheets which are freely available on the internet for download. When comparing MS Polymer & Polyurethane adhesives it is like comparing chalk and cheese. Having said this many people consider Sika to be the bench mark for performance, comparing the two items below has revealed some surprising results.

	Rewmar MS Polymer	Sika T52	Sika T54
Product size (P)	16kg / 10L	13kg / 10.1L	13kg / 10.5L
Shelf Life	6 months	9 Months	12 Months
Chemical Base	1 Part MS Polymer, moisture curing	1 Part Polyurethane, moisture curing	1 Part Polyurethane, moisture curing
Density	1.6 kg/l	1.29 kg/l	1.24 kg/l
Shear Strength (DIN 28 1b)	> 1 N/mm <sup>2</sup>	0.7 N/mm <sup>2</sup>	0.7 N/mm <sup>2</sup>
Shear Strength (Compared to Rewmar)	<b>43 % Stronger</b>	<b>43 % Weaker</b>	<b>43 % Weaker</b>
Tensile Strength (DIN 53 504)	1.7 N/mm <sup>2</sup>	1.3 N/mm <sup>2</sup>	1.3 N/mm <sup>2</sup>
Tensile Strength (Compared to Rewmar)	<b>31 % Stronger</b>	<b>31 % Weaker</b>	<b>31 % Weaker</b>
Consumption B11, 6mm trowel B3, 3mm trowel	1.0 – 1.2 Kg/m <sup>2</sup> 0.6 – 0.8 Kg/m <sup>2</sup>	0.8 – 1.0 Kg/m <sup>2</sup> 0.7 – 0.9 Kg/m <sup>2</sup>	0.8 – 1.0 Kg/m <sup>2</sup> 0.7 – 0.9 Kg/m <sup>2</sup>
Coverage per Unit (B11) Low / High (B3) Low / High	13.3m <sup>2</sup> / 16m <sup>2</sup> 20m <sup>2</sup> / 26.6m <sup>2</sup>	13m <sup>2</sup> / 16.25m <sup>2</sup> 14.4m <sup>2</sup> / 18.6m <sup>2</sup>	13m <sup>2</sup> / 16.25m <sup>2</sup> 14.4m <sup>2</sup> / 18.6m <sup>2</sup>

When comparing the properties of the adhesives there are two key elements to consider, how strong is the bond between the wood and the subfloor vertically (Shear strength) and horizontally (tensile strength). According to the technical data sheets Rewmar is **OVER 40% STRONGER vertically (Shear)** and **OVER 30% STRONGER horizontally (tensile)**. This means that not only will Rewmar Adhesive bond wooden flooring down stronger, but it is more resistant to movement across the floor than any Sika fully bonded system.

Stronger, better, faster, Rewmar MS Polymer Adhesive is the smart choice for the professionals.

**New technology is here don't get STUCK in the PAST..... look to the future, choose Rewmar!**