

Corrosion Resistance of Fasteners Type WT-T-6,5XL

SFS intec's fasteners of the type WT-T-6,5XL are made of carbon steel and are coated with the high quality coating called Durocoat® E15. This surface coating provides a corrosion resistance that is superior to commonly used coatings for wood screws. The minimum requirements for this coating are defined as follows:

<u>Kesternich test</u> 2,0 S (DIN EN ISO 6988 and DIN 50018)	<u>Without</u> red rust	12 cycles
<u>Salt spray test</u> NSS (DIN EN ISO 9227)	<u>Without</u> red rust	1000 hours

According to our internal performance requirements, a hot dip galvanized coating with a layer thickness of 50 µm to 70 µm has the following corrosion resistance:

<u>Kesternich test</u> 2,0 S (DIN EN ISO 6988 and DIN 50018)	<u>Without</u> red rust	12 cycles
--	-------------------------	-----------

For very aggressive timber species (such as oak etc.) and/or treated wood, in particularly ACQ-treated wood, SFS intec proposes to apply stainless steel fasteners of appropriate quality only.