

Product Update: Wind Uplift Performance

1.14mm thick RubberGard® EPDM, fully adhered onto OSB using Water-Based Bonding Adhesive (using the wet mating technique) has recently been the subject of wind uplift testing.

The assembly was tested up to 6500 pascals at which point the wooden model broke in the middle. The EPDM was found to still be fully adhered to the wood!

This results in an outstanding **design value of 5200 pascals.**

To put this into context, this is the equivalent of conditions found in the corner zones of an 18m high roof, located on the sea front in extreme wind speed conditions of 30 meters per second. For comparison, a QuickSeam RMA system, would need to have the strips spaced no more than 500mm apart to resist this amount of wind uplift!

Therefore, Fully Adhered Systems using Water Based Bonding Adhesive (wet mated / one sided application) are an *excellent* technical and commercial* solution when bonding directly to plywood or OSB substrates.

** Coverage rate 100m² - 150m² per 5 US Gallon Pail
(using one-sided, wet-mated technique)*