



Date: 16 April 2024

RE: Maglok Dragonboard joints bonded with Sabre PU Plus Adhesive

To whom it may concern:,

Following our internal testing on the Maglok Dragonboard product shiplap joints, bonded with the SabreFix PU Plus Adhesive (polyurethane expanding adhesive), we are confident that the adhesive strength is such that the Maglok Dragonboard will shear under load before the adhesive bond-line fails.

All point loadings should assume this mode of failure will be the internal board strength not the adhesive.

All failure points in our load testing observed were outside the bonded areas and adhesion to the shiplap join was excellent across all scenarios.

The selection of adhesive SabreFix PU Plus was made due to the inherent tensile strength of the adhesive (>10mPa) typically being greater than a lot of common construction sheet materials and possesses long term durability, water resistance and bond strength, while being fast cure for a quick install on job sites.

Kind regards,

Samuel McLean

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