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Mechanically Attached Thermoplastic Systems over ½” Plywood and OSB Decks

In order to ensure JM and our approved contractors provide the best possible roof systems to our end customers JM has reviewed our requirements for mechanically fastening thermoplastic membranes (TPO and PVC) into ½” plywood and all OSB decking. At this time, we are implementing the following requirements on all projects that meet these criteria and will be requesting a JM Peak Advantage NDL Guarantee:

- Perimeter and corner enhancement must be done by “picture framing.” Finger enhancements will no longer be accepted. *See applicable details on jm.com for enhancement options.*
- All perimeter and corner zones must be calculated according to the design specification for the building, ASCE 7-10 or 7-16. No deviations in zone width will be allowed. Reach out to your JM Inside Tech Specialist for any assistance.
- Where pullout values average 250 lbs the minimum fastening rates are as follows:
 - Field (zone 1) fastening patterns will be 10’ sheets 12” o.c.
 - Perimeter (zone 2) fastening patterns will be 5’ sheets 6” o.c.
 - Any deviations in fastening patterns, design uplift, or wind rider requirements must have a pull test performed by either OMG or your JM Field Tech. Test results will be reviewed by the JM Inside Tech Specialist to determine what is necessary to meet guarantee requirements.

These requirements are effective at time of publication. For any planned projects that have not begun yet please reach out to your local JM Sales Rep to discuss.

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