



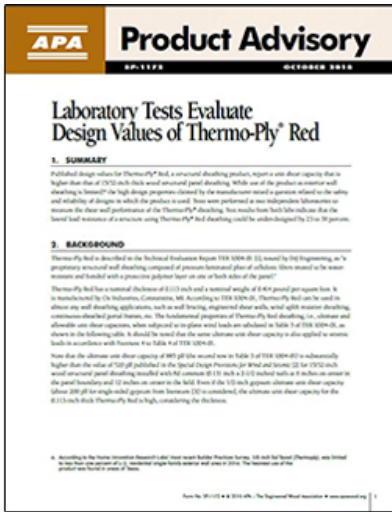
29 October 2015



SENT TO LSU AGCENTER/LOUISIANA FOREST PRODUCTS DEVELOPMENT CENTER - FOREST SECTOR / FORESTY PRODUCTS INTEREST GROUP



Laboratory Tests Evaluate Design Values of Thermo-Ply® Red, Form SP-1172



This new *Product Advisory* reports results from recent laboratory evaluations of Thermo-Ply® Red, a structural sheathing product. Published design values for Thermo-Ply® Red report a unit shear capacity that is higher than that of 15/32-inch-thick wood structural panel sheathing. While use of the product as exterior wall sheathing is limited, the high design properties claimed by the manufacturer raised a question related to the safety and reliability of designs in which the product is used. Tests were performed at two independent laboratories to measure the shear wall performance of the Thermo-Ply® sheathing. Test results from both labs indicate that the lateral load resistance of a structure using Thermo-Ply® Red sheathing could be under-designed by 23 to 39 percent.

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