

## When in Doubt – Prime it and use PAC-CLAD HT

Many non-standard substrates can make proper adhesion of self-adhered roofing underlayments a challenge, such as ISO boards, fire-treated plywood, gypsum products, structural concrete, DensDeck® and even OSB. Fire-treated plywood that contains excessive moisture, inconsistent ingredients in OSB and ISO surfaces, porous concrete and dust often found on gypsum surfaces can all be bond breakers.

Environmental factors such as low temperature, moisture (rain, fog, or dew), wind, dust from the jobsite and salt sheen from coastal onshore breezes will all affect underlayment adhesion.

When facing these obstacles, Petersen recommends application of the following primers before underlayment installation: Carlisle CCW 702WB, CCW 702, or CCW 702LV. A coverage rate of 350-500 ft<sup>2</sup>/gallon over the roof decking is acceptable. CCW's CAV-GRIP® is a low-VOC aerosol contact adhesive with a coverage rate of 50-55 ft<sup>2</sup> per pound of adhesive or 1,500-1,650 ft<sup>2</sup> per cylinder. Caution: uncured adhesives and primers may be slippery, so use proper safety procedures.

As an alternative to contact adhesives/primers, PAC-CLAD HT can be mechanically fastened at the perimeter of the deck 12 inches on-center with roofing cap nails or roofing nails. In excessively windy conditions, nailing in the field of the membrane may be required.

### WHEN IN DOUBT, PRIME IT!