

TL-0016 — PREPRUFE® Waterproofing Membranes: Cold Weather Installation Technical Letter

This bulletin is intended to provide additional guidance on the use of PREPRUFE® membranes in cold weather.

PREPRUFE®300R LT, PREPRUFE®300R Plus LT and PREPRUFE®160R Plus LT systems were designed for application temperatures between 25 °F (-4 °C) and 60 °F (+16 °C). The specially formulated low temperature adhesive provides for easy formation of side laps at temperatures down to 25 °F (-4 °C).

As an alternative to PREPRUFE®300R LT and PREPRUFE®160R LT, PREPRUFE®300R or PREPRUFE®160R can be used down to 25 °F (-4 °C), but the use of PREPRUFE®Tape LT is required at all laps and detailing below 55 °F (13 °C).

As an alternative to PREPRUFE®300R Plus LT and PREPRUFE®160R Plus LT, PREPRUFE®300R Plus and PREPRUFE®160R Plus can be used down to 25F (-4C), but the use of PREPRUFE®Tape LT is required at all laps and detailing below 40F (4C).

Steel reinforcement should be placed using approved rebar chairs as explained in Technical Letter #15, Rebar Chairs on PREPRUFE®Membranes. Follow American Concrete Institute's Cold Weather Concreting – ACI 306R88 to ensure concrete properly cures allowing the PREPRUFE®to form an intimate bond to the concrete.

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Last Updated: 2023-06-29

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