

## TECHNICAL BULLETIN

# Platinum CI Neopor GPS Plus

## Supplementary Fasteners

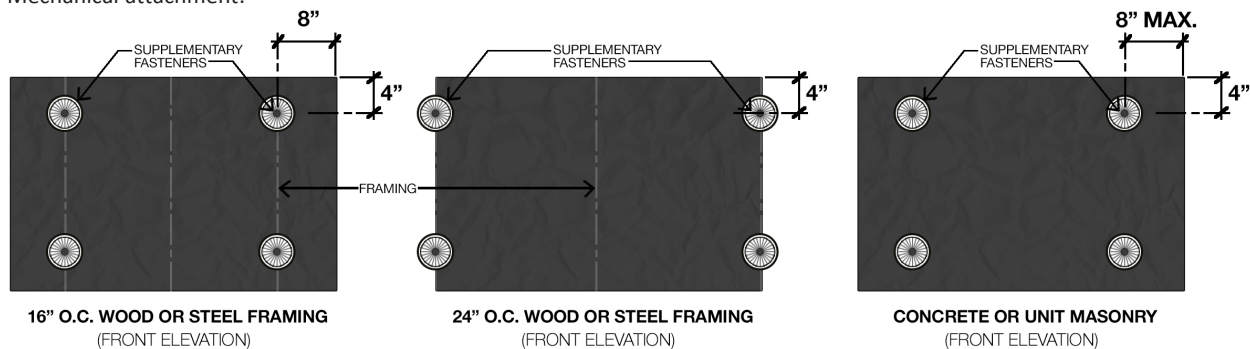
The Platinum CI Wall System utilizes Neopor® GPS Plus continuous exterior insulation, which is graphite enhanced, and offers superior thermal performance. Neopor is widely used in the United States and Europe in a variety of applications including insulated stucco, siding, concrete forms, roofing, slabs on grade, sheathing, and EIFS.

Under certain environmental conditions, the Neopor insulation board may experience a slight curl after it is applied but prior to setting of the cementitious base coat adhesive. It is difficult to pinpoint an exact cause, but factors that seem to affect this include the thickness of the Neopor board, temperature during application and direct exposure to sunlight. Thicker insulation profiles (3" or greater) may be less affected. Shading the scaffold and avoiding working in direct sunlight are beneficial.

To secure the Neopor insulation while the adhesive dries, supplemental attachment can be accomplished in two ways:

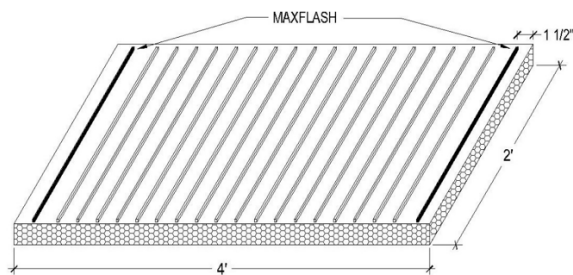
1. 4 fasteners per board are recommended to temporarily secure the board while the cementitious base coat adhesive develops its final properties. Wind-lock Wind-Devil2 plates ([www.wind-lock.com](http://www.wind-lock.com)) or equal, using the appropriate type and length fasteners, can be installed into framing or masonry.

Mechanical attachment:



- As an alternative to mechanical fasteners, SikaWall®-80 MaxFlash can be used to secure the edges of the Neopor GPS Plus board. Apply one ribbon of SikaWall-80 MaxFlash (approximately ½" x ½") on each 2 foot edge, with the rest of the insulation board incorporating standard SikaWall adhesive/base coat with a ½" x ½" x 2" notched trowel. The initial wet adhesion of the SikaWall-80 MaxFlash is very strong and will secure the Neopor insulation board sufficiently to eliminate the need for mechanical fasteners (see image below).

MaxFlash attachment:



MAXFLASH USED FOR 2 RIBBONS AT EDGES; STANDARD CEMENTITIOUS ADHESIVE/BASE COAT FOR REMAINING RIBBONS

The curling of the Neopor insulation board does not occur on every project. It is possible to install the Neopor insulation without fasteners or SikaWall-80 MaxFlash; eliminating the supplemental fastening will not affect the issuance of a Sika Facades system warranty. However any deleterious effects from board curling, such as board delamination or diminished adhesive strengths, are the responsibility of the applicator and will be outside the scope of the warranty coverage.

Testing and experience has demonstrated that once the cementitious base coat adhesive used to attach the Neopor GPS Plus has cured, a tenacious bond is formed with the substrate that provides long-term performance of the finished system.

#### LIMITED WARRANTY NOTICE

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