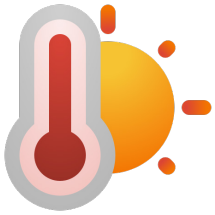
Nexus EzyLift Hot Weather Procedures



Bond breaker application during hot weather conditions demands special consideration to ensure a successful result. Hot weather conditions necessitate additional care for adequate application of the bond breaker of the casting slab.

Recommended practice include the application of the first bond breaker coat IMMEDIATELY after final finishing and control joint cutting. The Nexus EzyLift first coat application should be to the point of uniform surface film accumulation. Casting slab surfaces with increased porosity or surface area resulting from a rougher finish may require heavier applications of the first coat to ensure adequate holdout and surface accumulation.

In order for Nexus EzyLift to perform properly it is ESSENTIAL to develop a uniform surface accumulation on the casting slab. Proper application of the first coat is the most important step towards ensuring adequate bond breaker holdout on the successive bond breaker coats. The Nexus EzyLift first coat chemically reacts with the surface concrete, forming a waterproof soap barrier which prevents successive bond breaker coats from absorbing into the casting slab, thereby ensuring uniform holdout of the bond breaker.

If the first coat application of Nexus EzyLift to the casting slab must be delayed or is suspected of being porous, the surface should be saturated with water prior to the bond breaker application. Excess water should be squeegeed off the surface immediately prior to the bond breaker application. Saturating the casting slab with water in this manner will ensure that the Nexus EzyLift will achieve proper surface holdout.

Following the first coat application, it is necessary to apply successive bond breaker coat(s) to the casting slab until the surface is uniformly dark in appearance with the presence of a “dry soap like feel” uniformly apparent to the touch over the entire casting slab surface with no indication of greater accumulations in low spots or depressions. Variations in concrete mix designs, weather conditions, finishing procedures and curing conditions make it impossible to predict the exact number of bond breaker coats and/or application rates necessary to ensure adequate surface accumulation.

Since each casting slab is inherently different, it is critical to the success of the project that the tilt-up contractor understands that during hot weather conditions it becomes more important than ever that the bond breaker first coat is properly applied and successive bond breaker coats are applied until the “dry soap like feel” is uniformly apparent to the touch over the entire area.

THE PRIMARY REASON FOR PANELS STICKING TO CASTING SLABS IS AN INADEQUATE FILM OF BOND BREAKER ON THE CASTING SLAB SURFACE AT THE TIME OF PANEL CONCRETE PLACEMENT. IT IS YOUR RESPONSIBILITY TO VERIFY THAT A CONTINUOUS FILM OF BOND BREAKER CAN BE FELT ON THE CASTING SLAB SURFACE AS DESCRIBED ABOVE, IMMEDIATELY PRIOR TO THE PLACEMENT OF PANEL CONCRETE. PLEASE READ THE APPROPRIATE PRODUCT TECHNICAL BULLETINS AND USE INSTRUCTIONS PRIOR TO USE.

Nexus CONSTRUCTION SYSTEMS

nox-crete™ chemical solutions to concrete problems

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