



- Lower Cost Alternative To Petroleum Based Products
- Low VOCs To Meet All State & Local Regulations
- Improved Emulsion Stability
- 100% Biodegradable Options For “Green” Projects
- Outstanding Performance Produces Improved Concrete Surface Appearance
- Super Concentrates Available For Maximum Economy
- Improved Job Site And Employee Safety
- Safer For The Environment
- Low Odor

Read what the editors of **Concrete Construction** had to say about water based release agents in the August 2007 issue.



Why You Should Switch To Water Based Form Release Agents.

Concrete contractors have willingly used a variety of water based products for years. However, when it comes to form release agents, acceptance has been slower. While this was understandable a few years ago when the cost savings between water and petroleum based versions were minimal and the enticements to switch were fewer, times have changed. Water based release agent formulas now offer more benefits than ever before.

The Benefits

Today, oil prices continue to rise and stricter environmental and safety regulations are changing the way many contractors work. Nox-Crete’s continued research and development of improved water based technology has produced products that perform equal to, and in many cases better than, petroleum based products. These form release agents easily meet all known state VOC requirements and provide substantial cost savings over petroleum based form release agents. Once mixed, Nox-Crete’s improved water emulsion technology keeps the product mixed.

Many of our water based formulations are also available in concentrated versions that are shipped in short-filled drums. By not adding the water component before shipping, distributors and contractors alike benefit from a reduction in shipping costs. As an added advantage, these products are not subject to freezing prior to the addition of the water.

Cost savings can be further maximized with the use of our “super concentrates” which are dilutable with water. These super concentrates offer adjustable dilution rates which allow the user to customize product performance to fit specific needs and are easily mixed and diluted using our Mix Station.

To see our full line of water based form release agents, [click here](#).

For more information on the Mix Station, [click here](#).

The Differences

All Nox-Crete form release agents rely on a chemical reaction between the concrete and the release agent to form a waterproof soap. This soap provides the release and keeps treated forms free of concrete buildup. In both water and petroleum based form release agents, the water and the petroleum are simply carriers of the reactive ingredients that provide the release.

While switching from petroleum to water requires very little adaptation, there are some differences in what contractors should expect during application.

Because contractors have spent years working with oil based form release agents that are visually apparent on form surfaces, many are uncomfortable with a water based product that seems to “disappear” an hour or so after application.

As disconcerting as that may be when first making the switch, it is actually a visual reminder of the benefit of water based release agents. Instead of an oily film that collects dust, uses expensive resources, makes your workers smell bad and damages the environment, all that’s left behind after a water based product has dried is the reactive ingredients that actually provide the crisp, positive release our form release agents are known for.

It’s time to catch the wave and switch to water based form release agents. Choose Nox-Crete - the leader in water based technology.