



# Technical Data Sheet

## Water Seal™

### Concrete Bonding Agent

#### Description

NanoBond™ concrete bonding agent is a concentrated, high performance polymer, emulsion.

#### Advantages

- Can be used for interior and exterior applications
- Increases flexibility and adhesion
- Reduces moisture vapor by sealing pores of the concrete
- Quick curing

#### Typical Uses

NanoBond™ concrete bonding agent promotes superior adhesion of cement based products to old and new concrete.

#### Restrictions

- Do not apply thick by leaving puddles
- Do not apply over standing water
- Do not allow to freeze.
- Close and seal lid once application is complete.

#### Surface Prep

Concrete surface must be cleaned. BLASTRAC, sand blasting, diamond grinder w/30 grit or coarse, or water blasting is highly recommended to remove surface contaminants.

Any oils and fats must be removed prior to product. Pressure washing is performed outdoors to open the pores of the concrete to accept a primer.

Do not apply to wet substrates ( standing water ). Chloride, moisture, and pH levels should be checked prior to application. In almost every application a primer is recommended prior to use.

<b>Appearance</b>	<b>Milky white / dries Clear</b>
<b>Packaging</b>	<b>5 gallon</b>
<b>Solids by weight</b>	<b>22%</b>
<b>PH Value</b>	<b>7.5</b>
<b>Adhesion</b>	<b>385 psi breakpoint concrete failure</b>

#### Mixing

Nanobond is a single component products design to be opened and applied. Mix container well with a ½” paddle mixer to insure no sediment in the bottom of the container.

#### Application

Nanobond can be applied by sprayer, roller, brush. Multiple coats may be needed due to the porosity of the concrete. Apply between 50°-90°

#### Cleaning

Clean with soap and water to remove any residue from tools or any unwanted areas. Cured product may need to be mechanically removed. Clean hands/body with hot soapy water.

#### Health and Safety

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses, chemical resistant gloves and a filtered breathing apparatus while handling this material.