

# Specification Data

## **X-tenda Color Sealer**

*(Lifetime Limited Warranty)*

- 1. Working uses of sealer** X-tenda color is a water base component sealer with silicone rubber that dispenses into the pores of porous materials such as, concrete, stucco, wood, plastic, canvas, steel, etc. The makeup of the sealers is a penetrating molecular water base product, using the water to carry the silicone rubber into cavities of the surface 1/8" or more. When applying sealer or adding water base color pigment, always do a test area to assure they penetrate into the surface. Some companies color pigments the molecules are not small enough & will not penetrate the surface. To remove the guess work, Sherwin Williams is one company that the water base color pigments are fine enough to do the job. (Not associated with Sherwin Williams)
- 2. Characteristics of sealer** When the sealer is cured it provides a permanent protective surface against, moisture, UV rays, salts & most acids & chemicals. When cured it has a fire retardant range between -70° to 400°. The body of the sealer has over 400% elongation. Accelerated testing has shown X-tenda color will last a lifetime. The sealer breathes, giving it a good perm rate, therefore it is not to be used as a vapor barrier.
- 3. Sealer Limitations** Sealer cannot be frozen & needs to be applied from 45° to 100° over a dry & clean surface to the saturation point. Therefore, most surfaces need to be cleaned with a quality cleaner & dried before sealer application. Also, if you want penetration into the surface, other sealers & coverings need to be removed. However, the sealer can be applied over other coverings on the outside portion of the building, this will protect the present covering from UV, moisture & other weather related problems, if you don't desire penetration into the substrate. Any cleaners used need to be power washed off before sealer application.
- 4. Disposal or spillage** Wipe up spillage with a sponge or rags. Solids are non toxic. Dispose of them when dry in the usual trash. Clean spillage area with soap & water. If sealer has dried use paint thinner & mineral spirits for clean up.
- 5. Precautions**
  - Respiratory ----- normally none required. If you have respiratory problems, take the necessary & proper precautions.
  - Ventilation ----- normally none required.
  - Eye protection ----- always use approved safety glasses or proper protective goggles.
  - Clothing ----- rubber gloves & other protective type clothing.
  - Handling product ----- do with care & common sense for your own protection.
- 6. Health & first aid** Water base products are safe but precautions should always be taken with any product, no matter how safe it may be.
  - Product fumes ----- Take proper precautions for health or respiratory health issues.
  - Contact with skin ----- wash with soap & water.
  - Eye contact ----- flush with clean water.
  - Ingestion ----- do not induce vomiting, get medical attention.

**7. Mixing product**

Mix thoroughly because of storage settling.  
Do not add anything to product except water base color pigment for desired color.  
Cover product when not in use – as exposure to air causes premature curing.

**8. Properties of uncured product**

ph ----- 7-8  
specific gravity ----- 1.0  
product appearance ----- milky white – dries clear

% of solids

General sealer ----- 6-8%  
Marine sealer ----- 18%

Curing properties

Cured to dry ----- 1-2 hours  
Fully cured ----- 24-48 hrs depending on weather & surface applied  
Elongation (ASTMD 412) ----- 400% and up  
Perm rate ----- 040  
UV protection ----- excellent  
Transmitted water vapor (ASTME 96) 017 grams/per hr./per cu. ft.

Application

- Over clean & dry surface
- Apply 2<sup>nd</sup> coat in opposite direction
- Apply to saturation level
- Apply 45° - 100°
- Do not apply during inclement weather
- Test area highly recommended
- Remove any excess material
- Marine use – after removing wax, unwanted paint or any other coverings or sealers, etch or fine sand & wipe down with lacquer thinner before sealer application.