



Data Sheet | Eco-Smart Epoxy Series WS Primer

WS Primer is a clear, low odor, VOC compliant, two step bonding agent with epoxy topcoats for smooth or dense surface applications including: ceramic tiles, stone (should it contain silicate), smooth, new and densified concrete, etc. Its safe-to-use formula allows applications in occupied areas and may be applied in close proximity to areas containing food. WS Primer's special chemical properties prohibits any traces of film and discolouration of its concrete substrate. Both components are accurately measured and packaged accordingly for on-site mixing and use. Once the application surface is dry, immediately apply the epoxy topcoat as specified.

Uses

The specialized chemical properties of WS Primer reacts with epoxy topcoats allowing it to become an integral component to the structure of the substrate as it is used:

- On exterior and interior applications
- As a bonding agent for epoxy topcoats on ceramic tiles, stone (should it contain silicate), smooth, new and densified concrete, etc.
- As a surface primer for epoxy applications including all WS epoxy coatings: WS 200, 101, 102, 103, 105, 106 and 107.

Features

- Meets VOC and Leeds requirements
- Efficient as it saves on labor
- Fast application, allowing for quick turnaround time and easy application for safety lines, company logos, etc.
- May be used on both new or old substrates
- Low odor

Preliminary Substrate Inspection and Surface Preparation

Prior to the application of WS Primer, ensure that the surface is clean, dry and free of any contaminants that may inhibit the bonding of the product to the substrate. Also ensure that the area to be primed is above 15°C/60°F and less than 30°C/86°F for successful topcoat application. Depending on the epoxy to be applied, concrete substrates must be at least 10 days old for water-based epoxies and 28 days old for pure solid (100%) epoxies. Using ASTM D4263, test for vapour drive.

Consult Product Information Sheets of the epoxy to be used.

Application

Prepare WS Primer by mixing 20 volumes of Part A with 1 volume of Part B. Let the mixture sit for 5 minutes before use. Due to its relatively long pot life (refer to General Data), fairly large batches may be mixed at one time. If mixing batches smaller than contained in the containers, ensure accuracy in measuring components as it is essential to the performance of WS Primer.



Data Sheet | Eco-Smart Epoxy Series WS Primer

Using a roller, squeegee, mop or sprayer, apply a thin coat. Do not let product pool or puddle. WS Primer does not produce a visible film after application. Once product is visibly dry, immediately apply epoxy topcoat as stated in the instructions on the Product Information Sheets of the epoxy being used. Clean up any tools used in the application with water.

Limitations

- Clean substrates if necessary, as WS Primer is not a cleaning agent.
- Do not apply if contaminated with oil, dirt, grease, curing compounds or other contaminants and bond breakers. Remove contaminants mechanically (shot blasting, scarifying or grinding)
- Refer to Product Information Sheets of epoxy used as topcoat.

Troubleshooting

Refer to Product Information Sheets of epoxy used as topcoat.

General Data

VOC	61 g/L
Coverage	~ 800 sq. ft./gallon depending on substrate
Appearance	No visible film after application
Mix Ratio	20 vol. of Part A with 1 vol. Part B
Pot Life	~ 8 hours at 20°C
Thinning	Do not thin.
Flash Point	N/A
Kit Size	2.5 USG (9.48 L) Part A, 1 pint (0.47 L) of Part B

Note: Coverage varies due to porosity and substrate texture.

Risks

Ingestion, skin and eye contact may cause burns. Respiratory irritation may occur. Intentional misuse by inhalation of contents may be harmful or fatal.

Precautions

Keep out of reach of children. Avoid any contact with skin, eyes and clothing. Avoid inhaling vapours. Use with adequate ventilation. Do not take internally. Use gloves, eye protection or NIOSH/MSHA approved respiratory protection in accordance with federal, provincial, state and local regulations if used in poorly ventilated areas. Observe any warning labels until container is cleaned and reconditioned.



Data Sheet | Eco-Smart Epoxy Series WS Primer

First Aid

Periodically move to fresh air to minimize any effects by inhalation of vapours and spray mist. In case of eye contact, rinse for 15 minutes and consult a physician. For skin contact, wash thoroughly with soap and water. In case of ingestion, seek medical aid immediately—refrain from physically expelling product by vomiting. Seek medical aid immediately if breathing problems persist.

Proposition 65

WS Primer does not deliberately contain any materials listed by the state of California as carcinogenic or known to cause birth defects and other reproductive harms.

Packaging

WS Primer 2.5 USG (9.48 L) pail Part A
 1 Pint (0.47 L) can Part B

Warranty Disclaimer

We guarantee our Products adhere to the specifications of Weatherskin Coatings. Weatherskin Coatings makes no warranty or guarantee, expressed or implied, including warranties of fitness for a particular purpose or merchantability, respecting its Products. Liability, if any, is limited to refund or purchase price or replacement of the Product. All consequential damages, labor and cost of labor are hereby excluded.