

## SINGLE PLY/PLASTIC PRIMER PRODUCT DATA SHEET



### PRODUCT & APPLICATION TOOLS



| PRODUCT CODE | UNIT SIZE      | APPROXIMATE COVERAGE                               |
|--------------|----------------|----------------------------------------------------|
| 122006-SC    | 0.26 gal (1 L) | 129-161 ft <sup>2</sup><br>(12-15 m <sup>2</sup> ) |

### DESCRIPTION

Impermitek's Single Ply/Plastic Primer is a single part, moisture curing primer for single-ply membranes for use with Impermitek's IR-26 and IR-Eco.

### FEATURES

- Applied by brush
- Low consumption rate

### STORAGE

Always store closed containers in a cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures at or below 32°F (0°C) or above 77°F (25°C). Approximate maximum shelf life is 6 months when properly stored, sealed, and unmixed.

Once opened, the product only has a limited shelf life and may gel prematurely. Re-seal container immediately after use to slow gelling/curing. Do not use any product that has gelled.

### WARNINGS

The ideal application temperature is between 37°- 95°F (3°- 35°C). The substrate temperature at application should be between 37°- 122°F (3°- 50°C).

Minimum cure and maximum re-coat times should always be followed. When the primer is left exposed to the elements for longer than the recommended period or has been contaminated or damaged beyond cleaning or repair, it must be completely removed and re-applied.

Adhesion/peel tests must be performed prior to application to ensure adequate bond can be achieved.

### MIXING & APPLICATION

Before applying the Single Ply/Plastic Primer, ensure that substrates are prepared correctly in accordance with the relevant application guidelines.

Thoroughly clean down all areas to be treated, removing dirt, debris, surface water, mold growth and moss, etc. Treat any areas of fungal growth or moss with a suitable Anti-Fungal Wash to ensure all spores are destroyed. Power wash to remove residues, thoroughly dry substrate, and wipe all surfaces with Impermitek's Cleaner prior to application.

Mix the primer thoroughly by stirring or shaking (for a minimum of 1 minute) before application. After mixing, apply primer to substrate at the required consumption using a brush. The resin should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

To maximize adhesion, ensure that the Impermitek membrane system is applied as soon as the Single Ply/Plastic Primer has cured (on the same day).

### SAFETY & HANDLING

Please refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published guidelines. Dispose of waste materials in accordance with local, state and federal regulations.

### TECHNICAL ASSISTANCE

For further information, please contact Impermitek Technical Services at +1 (780) 906-4600 or [technical@impermitek.com](mailto:technical@impermitek.com). More information can also be found at [www.impermitek.com](http://www.impermitek.com).

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| APPLICATION QUICK FACTS |                                                                 |                               |                                 |                           |                                       |                                    |                                    |
|-------------------------|-----------------------------------------------------------------|-------------------------------|---------------------------------|---------------------------|---------------------------------------|------------------------------------|------------------------------------|
| Unit Size<br>L (gal)    | Unit Coverage <sup>1</sup><br>ft <sup>2</sup> (m <sup>2</sup> ) | Ambient<br>Temp. <sup>2</sup> | Substrate<br>Temp. <sup>2</sup> | Resin<br>Temp.            | Rain Proof<br>& Pot Life <sup>3</sup> | Next Layer<br>Minimum <sup>3</sup> | Next Layer<br>Maximum <sup>3</sup> |
| 1 (0.26)                | 129-161 ft <sup>2</sup><br>(12-15 m <sup>2</sup> )              | 37 - 95°F<br>(3° - 35°C)      | 37 - 122°F<br>(3° - 50°C)       | 37° - 86°F<br>(3° - 30°C) | 3 – 20<br>Hours                       | 30 – 60 Min.<br>(Dry to touch)     | 7<br>days                          |

- \*Notes:**
1. The relative humidity must be less than or equal to 90%.
  2. The substrate temperature must be at least 5°F (3°C) above the dew point during application and curing.
  3. Pot life, rain proof, working, and cure times are approximate and may vary depending on sun exposure, wind, humidity, as well as the ambience, substrate, and resin temperatures at the time of application.

| APPROXIMATE COVERAGE RATES   |                                          |                                           |                                            |                              |
|------------------------------|------------------------------------------|-------------------------------------------|--------------------------------------------|------------------------------|
| Substrate Profile            | gal/ft <sup>2</sup> (L/ft <sup>2</sup> ) | ft <sup>2</sup> /gal (ft <sup>2</sup> /L) | gal/100ft <sup>2</sup> (L/m <sup>2</sup> ) | Thickness (DFT)<br>mils (mm) |
| Smooth to<br>lightly abraded | 0.002 (0.0074)                           | 489 (129)                                 | 0.2 (0.08)                                 | 3-4 (0.08-0.09)              |

| PHYSICAL PROPERTIES                        |                |               |
|--------------------------------------------|----------------|---------------|
| Description                                | Property       | Standard      |
| Color                                      | Yellowish      | -             |
| % Solids                                   | 100            | ASTM D1644    |
| Density @ 73.4°F (23°C), g/cm <sup>3</sup> | 0.91           | EN ISO 2811-1 |
| Viscosity (cps) @ 68°F (20°C)              | 10             | DIN 53211/4   |
| Flash Point °F (°C)                        | -0.4°F (-18°C) | ASTM D93      |
| VOC g/L                                    | 808            | EPA Method 24 |

**\*Note:** Data represented above are average values unless noted otherwise.

Please, refer to Impermitek installation recommendations, application manuals, and guide specifications, for complete information regarding the suitability, application, use, and handling of Impermitek products.