

## IMPERMIGRIP HIGH-TRAFFIC PRODUCT DATA SHEET



### PRODUCT & APPLICATION TOOLS



| PRODUCT CODE | UNIT SIZE (BASE RESIN)       | APPROXIMATE COVERAGE                     |
|--------------|------------------------------|------------------------------------------|
| 122181-SC    | 2.4 gal (9.2 L)<br>[13.5 kg] | 46 ft <sup>2</sup> (4.3 m <sup>2</sup> ) |

### DESCRIPTION

ImpermiTek's ImpermiGrip High-Traffic is a heavy textured coating comprised of a hybrid MMA liquid resin containing integrally mixed aggregate. ImpermiGrip High-Traffic is unpigmented and requires a pigment additive which is available in a wide range of colors, making it suitable for a broad range of roofing, waterproofing, pedestrian and vehicular surfacing applications.

ImpermiGrip High-Traffic may be applied directly to prepared and primed structural substrates or over ImpermiTek's waterproofing membranes to create textured slip-resistant surfaces.

### ACCESSORY COMPONENTS

ImpermiGrip High-Traffic requires ImpermiTek's Catalyst Powder for curing and ImpermiTek's PMMA Pigment Additive.

| CODE         | ITEM                   | PACK SIZE                       |
|--------------|------------------------|---------------------------------|
| 130152-SC-US | PMMA Pigment Additive  | ~0.23 gal (~0.88 L)<br>[1.5 kg] |
| 102031-SC    | Catalyst Powder (pail) | 4.4 lb (2 kg)                   |
| 102030-SC    | Catalyst Powder (box)  | 55 lb (25 kg)                   |

**\*Note:** See color chart for pigment color number.

### FEATURES

- Fast curing: Within 30-60 minutes
- Color and slip-resistant surfacing
- Tough, durable, and resistant to discoloration

### 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 12 months when properly stored, sealed, and unmixed.

### WARNINGS

Ensure temperature and surfaces are within the application temperature guidelines. DO NOT apply the product unless the temperature is at least 34 °F (1 °C) and rising.

Recommended minimum cure and maximum re-coat times should always be followed. When ImpermiGrip High-Traffic is left exposed to the elements for extended periods or has been contaminated, cleaning or repair may be required before applying seal coats.

### MIXING & APPLICATION

Before applying ImpermiGrip High-Traffic, ensure that substrates are prepared and primed correctly in accordance with the relevant application recommendations. Mask off the designated work area.

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use. Add the entire contents of the PMMA Pigment Additive to the liquid resin and continue mixing for 2 - 5 minutes until uniform streak-free color is achieved. Only catalyze the amount of material that can be used within 10-15 minutes. Add the pre-measured catalyst to the resin component and stir for two minutes and apply to the substrate. Refer to the catalyst information found on this PDS.

After mixing, apply ImpermiGrip High-Traffic to substrate at the recommended consumption using a roller, notched rake, or trowel. Ensure an even, uniform application across all surfaces. For areas that require a glossy or easy to clean finish ImpermiTek ImpermiFinish Clear can be applied over ImpermiGrip High-Traffic as a protection/sealer coat.

### SAFETY & HANDLING

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

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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).

## APPLICATION QUICK FACTS

| Unit Size<br>gal (L) [kg] | Unit Coverage <sup>1</sup><br>ft <sup>2</sup> (m <sup>2</sup> ) | Ambient<br>Temperature <sup>2</sup> | Substrate<br>Temperature <sup>2</sup> | Rain Proof<br>& Pot Life <sup>3</sup> | Next Layer<br>Minimum <sup>3</sup> | Next Layer<br>Maximum <sup>3</sup> |
|---------------------------|-----------------------------------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|------------------------------------|
| 2.4 (10) [15]             | 46<br>(4.3)                                                     | 34° - 95°F<br>(1° - 35°C)           | 34° - 122°F<br>(1° - 50°C)            | 10 – 20<br>Minutes                    | 40 – 60<br>Minutes                 | 7<br>Days                          |

**\*Notes:**

1. Unit size mixed with pigment additive. Coverage is approximate and may be affected by surface-profile.
2. Ensure all materials and substrates remain above at least 5°F (3°C) above dew point temperature with a maximum 85% relative humidity.
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 BY VOLUME

| Use/Application | ~ 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><br>(L/m <sup>2</sup> ) | Thickness (DFT)<br>~ mils (mm) |
|-----------------|--------------------------------------------|---------------------------------------------|-------------------------------------------------|--------------------------------|
| Typical         | 0.057 (0.022)                              | 17.4 (4.6)                                  | 5.74 (2.3)                                      | 76 (1.89)                      |

## APPROXIMATE COVERAGE RATES BY WEIGHHIGH-TRAFFIC

| Use/Application | kg/ft <sup>2</sup> (kg/m <sup>2</sup> ) | ft <sup>2</sup> /kg (m <sup>2</sup> /kg) | kg/100ft <sup>2</sup> | Thickness (DFT)<br>mils (mm) |
|-----------------|-----------------------------------------|------------------------------------------|-----------------------|------------------------------|
| Typical         | 0.33 (3.5)                              | 3.1 (0.29)                               | 32.6                  | 76 (1.89)                    |

## PHYSICAL PROPERTIES

| Description                             | Property                            | Standard             |
|-----------------------------------------|-------------------------------------|----------------------|
| Color                                   | Amber Base Resin (Requires Pigment) | -                    |
| Flash Point °F (°C)                     | 149 (65) Open Cup                   | ASTM D92             |
| Density* @ 73.4°F (23°C), lb/gal (g/ml) | 12.76 (1.53)                        | ASTM D1475           |
| Viscosity KU (cps) @ 77°F (25°C)        | >144 (>5,000)                       | ASTM D562 (Method A) |
| Shore A hardness @ 73.4°F (23°C)        | 54                                  | ASTM D2240           |
| Cleanup                                 | Impermitek Cleaner & Activator      | -                    |
| Shelf Life (Months)                     | 12                                  | -                    |
| VOC g/L                                 | < 50                                | EPA Method 24        |

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

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| CATALYST MIXING CHART  |                         |                          |                          |
|------------------------|-------------------------|--------------------------|--------------------------|
| Temperature Range      | 37 - 50°F<br>(3 - 10°C) | 50 - 68°F<br>(10 - 20°C) | 68 - 95°F<br>(20 - 35°C) |
| Catalyst Addition Rate | 6%                      | 4%                       | 2%                       |

| Amount of ImpermiGrip High-Traffic<br>Mixed with Pigment |             | CATALYST SCOOPS REQUIRED<br>(HEAPING 20 ML SCOOP) |    |    |
|----------------------------------------------------------|-------------|---------------------------------------------------|----|----|
| kg                                                       | ~gal (~L)   |                                                   |    |    |
| 1                                                        | 0.25 (0.96) | 6                                                 | 4  | 2  |
| 15                                                       | 2.64 (10)   | 90                                                | 60 | 30 |

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