

Apex Prime Plus

Technical Data Sheet



Description

Apex Prime Plus is a premium concentrated multi-purpose primer designed to increase bond strength and maximize the performance of Apex Multi products on multiple substrates such as concrete, gypsum, wood and more. This high-performing primer delivers superior adhesion to ensure a long-lasting application. Easy-to-use, simply broom or spray Prime Plus and experience great coverage. For use with all Apex Minerals products.

Key Features & Benefits

- Universal Primer for use with underlayments and self leveling compounds.
- Multi-purpose product for use on concrete, gypsum, and underlayments.
- Provides strong adhesion for a longer-lasting application.
- Penetrates deep into substrates to reduce surface porosity.
- Easy to use with a broom, or sprayer for great coverage.
- Can be used on numerous substrates.
- Water based, safe and easy to apply.

Mixing

Shake container well before use. Select the appropriate dilution and measure the water into a plastic container then add the concentrated primer and mix with a wooden stick or stirring rod.

Application Areas

All surfaces must be dry, sound and free from dust, dirt, grease, oil and any other contaminants. Adhesion performance is dependent on the condition of the substrate being applied to. If Prime Plus is used where moisture sensitive materials are to be subsequently applied, the substrate must be dry, i.e. with flooring materials the substrate should have a RH reading not greater than 85%.

Do not apply when the ambient temperature or substrate is below 40°F. For best results the temperature of the work area should be above 50°F. The primer solution should be spread evenly over the prepared floor surface using a soft brush, avoiding ponding, and allow to become touch dry (1-2 hours under normal conditions).

After application and while the primer is still fresh, it should be lightly brushed to ensure a complete uniform film has been applied. Do not over-apply as this may cause the primer to skin over; the primer must fully absorb into the substrate.

Health and Safety

Apex Prime Plus should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet. This product is not classified under the Chemicals Hazard Information and Packaging for Supply Regulations. Please dispose of packaging and waste responsibly.

Coverage

Dilution	Approx. Coverage rate per 1 Gallon Apex Minerals Prime Plus
1 Part neat Prime Plus to 1 Part Water	540 - 715ft ²
1 Part neat Prime Plus to 2 Parts Water	880 - 1050ft ²
1 Part neat Prime Plus to 3 Parts Water	1260 - 1430ft ²

Storage and Shelflife

Twelve months in sealed containers and stored under good, cool and dry conditions not subjected to extremes of temperature. Apex Prime Plus must be protected from frost.

Technical Information

Packaging	5 Gallon and 245 Gallon Containers
Appearance	Low Viscosity, green liquid
PH	<11
Working Time	20 to 30 minutes at 65°F
Drying Time	1 to 2 hours
Minimum Time Between Coats	12 hours
Maximum Overlay Time	24 hours

Dilution Rates for Various Substrates

Substrate	Dilution (Water to Prime Plus)	Number of Coats
Concrete, Cement based screeds and Levellers	3 to 1	1 to 2
Plywood	1 to 1	1
Floorboards	1 to 1	1
Gypsum Based Underlayment	1st Coat at 3:1 and 2nd coat at 3:1	1
Cement Boards	2 to 1	1

Contact Information

Manufacturer	Apex Minerals LLC
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****Disclaimer:** The information provided in this datasheet is based on our knowledge and experience. While we believe it is accurate, it may not be suitable for all situations due to variations in materials, site conditions, and application methods. Therefore, we cannot accept responsibility for any loss or damage resulting from improper use, or from variations in conditions or workmanship beyond our control. The responsibility for any consequences arising from the use of this product rests solely with the user.

