

For Professional Use Only. Prior to commencing installation, attentively study all available product and system information and carefully read and comprehend all applicable Safety Data Sheets (SDS). Do not commence installation until a thorough understanding of the product and system has been reached. Work site safety is the top priority and Personal Protective Equipment (PPE) as outlined in the SDS must be worn and used at all times. Successful installations start from the ground up, therefore surface preparation is the key to the longevity and performance of the final product.

PRODUCT NAME

AMP-1 Primer

PRODUCT DESCRIPTION

A concentrated aqueous primer developed for use over mineral substrates such as concrete, brick, paving stones, porous tiles and other masonry surfaces.

AMP-1 Primer demonstrates exceptional adhesion, particularly to concrete surfaces and works as a high performance bonding agent with rapid curing properties where a polymer concrete topping is to be placed over an existing concrete substrate. **AMP-1 Primer** helps to combat substrate off-gassing which may cause the formation of bubbles, air pockets and pinholes in polymer modified cement toppings.

ADVANTAGES & LIMITATIONS

Advantages

- A 5 litre concentration makes from 10 to 20 litres.
- Rapid curing speed.
- Exceptionally low cost per m².
- Vapour permeable.
- Zero VOC, non hazardous formulation.
- Easy application via pump up spraying device.
- Prevents bubble formations from rising through substrate.

Limitations

- Concentrated formulation must be diluted at an absolute minimum of 1:1 prior to use.
- Cannot be applied in thick films or allowed to puddle
- Surface to be primed must be porous, free from dust, oil, release agents, grease, grime and any other adhesion inhibiting contaminants.

COLOUR

Milky white formulation dries clear.

DILUTION & COVERAGE RATE

Dilution

1 part AMP-1 Primer is to be diluted with 1 part to 3 parts clean potable water (1:1 to 3:1 parts water to AMP-1 Primer).

A 5 litre bottle of AMP-1 Primer will make 10 to 20 litres of ready to use primer.

Porous and absorbent substrates typically require a dilution of 3:1 (3 parts potable water to 1 part AMP-1 Primer). For less porous substrates AMP-1 Primer can be diluted at 2:1 (2 parts potable water to 1 part AMP-1 Primer).

Coverage Rate

- A 1 litre mix of water and AMP-1 Primer @ a 1:1 dilution will yield approximately 7 to 10 m².
- A 15 litre mix of water and AMP-1 Primer @ a 2:1 dilution will yield approximately 105 to 150 m².
- A 20 litre mix of water and AMP-1 Primer @ a 3:1 dilution will yield approximately 140 to 200 m².

Coverage rate is dependent upon the porosity and profile of the surface which is directly related to absorption rate. Apply AMP-1 Primer from approximately 7 to 10 m² per litre.

OPERATION & INSTALLATION

Preferable application method is via a pump-up sprayer. Spray the diluted AMP-1 Primer consistently and uniformly over the prepared surface while being observant of areas that are more or less absorbent than others. An ideal finish will show a very low and uniform sheen across the entire surface after drying.

Application with a watering container is also acceptable but must be worked in with a push broom while being mindful not to allow puddling or over application.

AMP-1 Primer will cure to a touch dry state in 20 to 30 minutes. After the the AMP-1 Primer has cured to become touch-dry, installation of Alluvius polymer cements (CANVAS-TOP, STAMP-ON and others) may be commenced.

PACKAGING

AMP-1 Primer is available in 5 litre bottles.

SHELF LIFE

2 years from date of manufacture.

CLEAN UP

Product can be cleaned with warm water immediately after use. Product that has been allowed to cure may require scrubbing or a mechanical method for removal.

SAFETY PRECAUTIONS

- Review, familiarise and follow the AMP-1 Primer Safety Data Sheet (SDS) prior to use.
- See Section 8 of SDS for individual protection measures including Personal Protective Equipment (PPE).
- Refer to SDS for best practice for handling and storage.
- Keep out of reach of children.

DISCLAIMER

The information provided in this technical data sheet is given to the best of our knowledge based on laboratory testing and practical experience. This technical data sheet does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. All Alluvius products are manufactured to controlled specifications and we can only guarantee the quality of the product itself. Since we have no control over the conditions under which these products are transported, stored or handled and cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the

context of how the user intends to handle and use the product and to thoroughly test before adapting them to their own uses. We reserve the right to change the given data without notice.