

# EverKrete Primer.

Single component modified polymer Primer, vapour barrier and penetrating bonding agent.

**The For EverKrete concrete repair system.**



**EVERKRETE**

**Adheseal**

*The Adhesive and Sealant Specialists*

## Description

EverKrete Primer is a single component, modified polymer to be applied as a penetrating bond agent for concrete and steel. This primer promotes adhesion to concrete, helps eliminate pinholes caused by outgassing, and may be used over tightly adhered rust to halt the advancement of corrosion.

## Uses

Primer for EverKrete Concrete repair mortar

## Benefits

- Fast drying
- Excellent adhesion to most common building materials (preliminary tests suggested)
- Non-corrosive
- Proven long term durability and resilient
- Suitable for internal & external applications
- Vapour barrier.
- Low Viscosity
- Single component no mixing
- Long tack time
- Helps eliminate pinholes in EverKrete caused by out gassing

## Acceptable Substrates

- Concrete after curing period of 28 days
- 3:1 sand cement screed or C-Bed
- Masonry / render after curing period of at least 4 days
- Pre-cast concrete once release agent has been removed/ dissipated
- Brickwork, Hebel (aggregate block)

## Limitations

- Do not apply when temperatures are below 5oc or above 35oc
- Limited UV resistance (not designed for long term UV exposure and must be overcoated)
- Do not apply on damp, wet or contaminated substrates, if it is raining or if rain is imminent

## Application

### Surface preparation:

All surfaces must be structurally sound, stable, dry, clean, and free of dust, loose, flaking, friable material and free from oils, grease, form release agents, curing compounds, and any other surface contamination that may hinder adhesion. On any exposed Reo Bar or steel surfaces, any loose rust should be removed by blast or mechanical means

If mechanical preparation is required, prepare the floor using recommended methods such as dry diamond grinding to provide a roughened, clean, sound, and open porous surface. Thoroughly vacuum loose material and dust. Do not use solvents or acid etching to clean the subfloor. Substrate must be free from surface water and continual dampness. Concrete must be allowed to cure for at least 28 days. Sand cement screeds to be a 3:1 ratio and cement render must be allowed to cure for at least 4 days prior to application. Failure to do so may result in poor adhesion and subsequent delamination.

### POROUS SUBSTRATES:

Mix using a power mixer. Brush or roll material onto the surface, working it into the substrate, leaving a smooth, thin coating, without ridges or puddles.

Brisbane North  
Brisbane South  
Sunshine Coast  
Gold Coast  
Toowoomba

26 Wolverhampton St, Stafford QLD 4053  
8 Moss St, Slacks Creek  
18 Kessling Ave, Kunda Park QLD 4556  
12 Distribution AV Molendinar QLD 4214  
Mobile on the Darling Downs

PH (07) 3356 0000  
PH (07) 3111 6666  
PH (07) 5447 0022  
PH (07) 5681 1111  
PH 0427 006 548

Email [sales@adheseal.com.au](mailto:sales@adheseal.com.au)  
Email [slacks@adheseal.com.au](mailto:slacks@adheseal.com.au)  
Email [sc@adheseal.com.au](mailto:sc@adheseal.com.au)  
Email [gc@adheseal.com.au](mailto:gc@adheseal.com.au)  
Email [darlingdowns@adheseal.com.au](mailto:darlingdowns@adheseal.com.au)

# EverKrete Primer.

Single component modified polymer Primer, vapour barrier and penetrating bonding agent.

**The For EverKrete concrete repair system.**



**EVERKRETE**

## NON-POROUS SUBSTRATES:

For non-porous substrates, it is recommended that a surface grind or mechanical abrading be conducted to enhance adhesion, as described above.

Examples of Non-Porous Substrates:

Burnished Concrete, Ceramic Tiles.

To determine whether the substrate is porous or non-porous, dispense water onto the substrate in question to form a puddle, the size of a \$1 dollar coin. If the water absorbs into the substrate in less than two minutes, the substrate is porous. If the puddle remains, the substrate is non-porous.

EverKrete Primer is suitable for most substrates and will increase the bond between substrates and EverKrete. For Low temperatures use a neat solution of EverKrete 102 resin and EverKrete Accelerator. Refer to EverKrete Accelerator TDS for additional information.

## Coverage

Approximately 5 to 8m per litre. Coverage rate varies depending on substrate porosity.

## Cure Time

Let EverKrete Primer dry to a tacky surface. Installation of the EverKrete Mortar can commence at this stage. Do not let dry for extended periods of time before the application of EverKrete mortar, the primed area must remain clean and tacky, the EverKrete mortar must be applied on the same day.

## Note:

Before application, refer to all relevant TDS's and SDS's detailed product specifications & application instructions.

## Clean Up.

What to do while wet and cured

While the product is still wet, tools and spills can be efficiently cleaned with Acetone. For cured product removal, consider using mechanical means.

## Physical Properties

Type of product	Single part Polyurethane primer
Curing system	Exothermic
Appearance	Clear Amber Colour
Density (specific gravity)	1.1
Consistency	Liquid
Brookfield Viscosity at 25°C (cps)	30-60
Application temperature	5oc—35oc
Application Humidity	Below 85%
Storage: Cool Dry between	5oc—35oc
Tack Free (to touch) @25oc and 60RH	1—2 Hours
Consumption	5—8m <sup>2</sup> per litre
Solids content	30-34%
Shelf life	12 Months
Clean up	Xylene
Flash Point	>93oc
Standard MVT (ASTM E 96-80)	perms 0.032

## Colour

Clear Amber Colour

## Packaging

250ml, 1 & 4Liter cans

## Handling Precautions

EverKrete Primer is sensitive to humidity and should at all times be stored in sealed drums and resealed with nitrogen after opening. The recommended storage temperatures are 15-25°C and keep away from all sources of heat and ignition sources as part A is flammable. If the drum is left open to the atmosphere the material may go cloudy, discolour and skin – resultant in moisture or contamination. When opening these drums extreme care must be exercised in releasing the internal pressure. Before handling these chemicals, please consult the Safety Data Sheet.

Specification:

Brisbane North	26 Wolverhampton St, Stafford QLD 4053	PH (07) 3356 0000	Email sales@adheseal.com.au
Brisbane South	8 Moss St, Slacks Creek	PH (07) 3111 6666	Email slacks@adheseal.com.au
Sunshine Coast	18 Kessling Ave, Kunda Park QLD 4556	PH (07) 5447 0022	Email sc@adheseal.com.au
Gold Coast	12 Distribution AV Molendinar QLD 4214	PH (07) 5681 1111	Email gc@adheseal.com.au
Toowoomba	Mobile on the Darling Downs	PH 0427 006 548	Email darlingdowns@adheseal.com.au

# EverKrete Primer.

*Single component modified polymer Primer, vapour barrier and penetrating bonding agent.*

**The For EverKrete concrete repair system.**



**EVERKRETE**

The information contained in this TDS is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement. The applicator or contractor must use their skill, knowledge, and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the company in writing.

## Conditions Of Use and Disclaimer:

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided, and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workman-like manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

## Health and Safety

### First aid measures

**Inhalation:** If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor, without delay. Following uptake by inhalation, move person to an area free from risk of further exposure. Oxygen or artificial respiration should be administered as needed. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic. A physician should be consulted.

**Skin Contact:** Quickly but gently, wipe material off skin with a dry, clean cloth. Immediately remove all contaminated clothing, including footwear. Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre. Transport to hospital, or doctor.

**Eye contact:** Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled per-

sonnel.

**Ingestion:** IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY. For advice, contact a Poisons Information Centre or a doctor. Urgent hospital treatment is likely to be needed. In the meantime, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS. Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise: INDUCE vomiting with fingers down the back of the throat, ONLY IF CONSCIOUS. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. NOTE: Wear a protective glove when inducing vomiting by mechanical means. Avoid giving milk or oils. Avoid giving alcohol. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

**PPE for First Aiders:** Wear rubber boots, overalls, gloves, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to physician:** Treat symptomatically. Effects may be delayed.



Signal Word

Danger

<b>Brisbane North</b>	<b>26 Wolverhampton St, Stafford QLD 4053</b>	<b>PH (07) 3356 0000</b>	<b>Email sales@adheseal.com.au</b>
<b>Brisbane South</b>	<b>8 Moss St, Slacks Creek</b>	<b>PH (07) 3111 6666</b>	<b>Email slacks@adheseal.com.au</b>
<b>Sunshine Coast</b>	<b>18 Kessling Ave, Kunda Park QLD 4556</b>	<b>PH (07) 5447 0022</b>	<b>Email sc@adheseal.com.au</b>
<b>Gold Coast</b>	<b>12 Distribution AV Molendinar QLD 4214</b>	<b>PH (07) 5681 1111</b>	<b>Email gc@adheseal.com.au</b>
<b>Toowoomba</b>	<b>Mobile on the Darling Downs</b>	<b>PH 0427 006 548</b>	<b>Email darlingdowns@adheseal.com.au</b>