

APTC Leakproof Primer 800

Water-based acrylic primer

Description

APTC Leakproof Primer 800 is a fast-drying, water-based acrylic primer specially formulated to enhance the adhesion of waterproofing membranes to porous substrates in internal applications.

The ready to use formulation provides excellent adhesion to a variety of common building substrates, is compatible with other products in the Leakproof range and offers a good coverage rate.

Uses

APTC Leakproof Primer 800 is formulated for use over porous substrates in internal applications.

Suitable substrates: concrete & concrete block, aerated concrete, screed and render, masonry, compressed sheeting and plasterboard.

Features & Benefits

Fast drying	Suitable for porous substrates
Ready to use formulation	Internal applications
Excellent adhesion	Good coverage rate

Specifications & Technical Properties

FORM	Thin liquid
APPEARANCE	Wet: Milky white Dry: Clear
DRY TIME:	30 minutes at 20°C, 50 RH
COVERAGE RATE:	8-10m ² per 1 litre

Surface Preparation

All surfaces and substrates to be primed must be clean, dry and structurally sound. Any loose particles, grease, oils, silicones, curing compounds, release agents, efflorescence, laitance, sharp protruding objects or contamination likely to prevent bonding must be removed before application.

All previous coatings and structurally unsound layers must be removed by mechanical means such as grinding or shotblasting.

Surface preparation continued:

Flexible building substrates such as fibrous cement sheeting and plasterboard must be installed according to manufacturers requirements before commencing application.

Concrete must be allowed to cure for at least 28 days prior to application of primer. Cement/cement render/sand screeds must be allowed to cure for at least 7 days before application.

Substrate moisture content must not exceed 80% RH when tested as per ASTM F2170 or 5% when tested to ASTM F2659. Refer to APTC Australia for recommended primers for use on damp or non-porous substrates

Application

Do not dilute with water—product is ready to use as supplied.

Stir contents thoroughly before application.

APTC Leakproof Primer 800 can be applied with a brush or medium nap roller. Full and even coverage must be achieved.

- Product can be applied in 1-2 coats depending on the porosity of the substrate. Allow the first coat to fully dry before applying the second coat at right angles to the first.
- For highly porous surfaces or those prone to dusting such as Hebel or aerated concrete, the application of 2 coats of **APTC Leakproof Primer 800** is recommended.

Finishings:

APTC Leakproof Primer 800 must be dry before finishes are applied.

It is recommended that surface finishings/waterproofing membranes be applied as soon as primer has dried to prevent possible surface contamination.

Drying time

30 minutes based on 20°C & 50% relative humidity.

Drying time will be affected by surface and ambient temperature. Longer drying times will be needed in cool, damp or humid weather conditions.

Coverage

Size	Consumption rate	Total coverage per pail (1 coat)
20lt pail	1L per 8-10m ²	160-200m ²

Clean up

Clean all tools, equipment and excess product with warm water and detergent before the product dries.



Packaging & Storage

Size: 20lt pails

Storage/shelf life: 12 months from date of production in unopened container when stored in a cool, dry place. Keep off cold floors and away from direct sunlight.

Limitations

APTC Leakproof Primer 800 is not suitable for use in the following applications:

- On damp, wet or contaminated substrates
- On surfaces subject where high residual moisture is present
- When the ambient or surface temperature is below 5°C or above 35°C
- Directly over existing coatings
- As a primer for solvent based coatings
- To areas where rising moisture/damp or a negative hydrostatic pressure is present
- The suitability of the product for each intended use must be determined by the purchaser prior to the application of the product.

Health & Safety

APTC Australia supports best practice in material handling; gloves, mask, safety goggles and protective clothing should be worn when handling and using this product. Ensure adequate ventilation when applying.

Product may cause allergic skin reaction. Keep out of reach of children.

SKIN: Effects may be delayed. If product comes into contact with skin or hair, remove contaminated clothing and flush with running water. If allergic reaction occurs—swelling, blistering or redness—seek medical advice. **SWALLOWED:** If swallowed, do NOT induce vomiting. Give a glass of water. If vomiting occurs give a further glass of water. Seek medical advice. **EYES:** In case of contact with eyes, wash out immediately with water. Seek medical advice. **INHALATION:** Remove from contaminated area and seek medical advice.

If poisoning occurs contact a doctor or Poisons Information Centre Ph 13 11 26 (Australia)

Fire: If involved in a fire use water fog, alcohol resistant foam, standard foam or dry agent such as carbon dioxide or dry chemical powder.

Safety data sheets (SDS) for this product are available on the APTC Australia website www.aptc Aust.com.au. Read the TDS and SDS carefully before using any product.



Disclaimer

The information and recommendations provided regarding the application and use of APTC Australia products are based on APTC Australia's current knowledge and experience, assuming proper storage, handling, and application according to our guidelines. However, due to variations in materials, substrates, and site conditions, we cannot guarantee any warranties related to merchantability or fitness for a particular purpose, nor assume any liability based on this information, written recommendations, or other advice. Users must assess the suitability of the products for their specific application and purpose. APTC Australia reserves the right to modify product properties at any time. Third-party proprietary rights must be respected. All orders are subject to our current terms of sale and delivery. For the most up-to-date product information, users should refer to the latest version of the local product data sheet, which can be provided upon request.