

T-GUARD[®] WBP

Water Based Acrylic Polymer Primer cum Sealer Coating for Concrete Surfaces



T-GUARD[®] WBP Primer is a water based copolymer emulsion, formulated to achieve specific performance characteristics. It dries to a transparent finish and supplied as a single component white liquid.

Uses

T-GUARD[®] WBP is a recommended primer for the T-Guard range of water based protective coatings applied to concrete & masonry surfaces. The primer forms a film and seals the surfaces to prevent air release which could otherwise cause pin holes in topping.

Benefits

- Excellent adhesion to concrete & cementious surfaces.
- Excellent water retention after film formation
- Economic, single pack, easy to use with no restrictive pot life.
- Reduces water absorption

Technical Support

Thermax offers technical support service to specifiers, end users and contractors, as well as onsite technical locations all over the country.

Design Criteria

One or two coats of T-Guard[®] WBP are generally required; it is dependent largely on the nature and profile of substrate. T-Guard[®] WBP is over-coatable and generally between 30 minutes and one hour after application of first coat. Application of top coating may also proceed at this time. At elevated temperatures, the re-coatable and overlay times will be reduced. The minimum application temperature for T-Guard[®] WBP is 10°C. Consult Thermax office for further information.

Properties

Specific Gravity	1.26±0.06
Touch Dry at 30°C	Approx. 15 minutes
Minimum Application Temperature	30°C
Solid Content, %	42±2

Instructions for Use

Substrate Preparation

The primer application is carried out after the existing concrete or masonry surface has been prepared and cleaned. Substrates to be primed must be sound, clean and free from all the loose particles, dust, oil or any other contaminants. Laitance and deposits on new concrete surfaces are best removed by light grit blasting, mechanical scabbling or grinding.

Coating

The primer should be applied immediately in a thin continuous film to the clean prepared surface. Apply the primer in to the surface using or roller. Excess application & puddling should be avoided. If the concrete substrate is porous, it may be necessary to apply second coat of T-GUARD[®] WBP. It should be carried out when the first coat is dry.

Protection

T-Guard[®] AC can be applied to the surface previously treated with T-Guard[®] WBP primer. For application of T-Guard[®] AC, leave the T-GUARD[®] WBP primer to attain the touch dry.

Cleaning

All tools and equipments should be cleaned with water immediately after use.

Limitations

T-Guard[®] WBP is suitable for use on sound or porous concrete and masonry surfaces that are free from surface contamination and have been well prepared. T-Guard[®] WBP Primer should not be applied when the surface temperature of the substrate is below 10°C or likely to fall below 10°C within 48 hours of application.

Health & Safety Instructions

During use, T-GUARD[®] WBP primer should not come in contact with the skin and eyes, or be swallowed. Wear suitable gloves and eye/face protection. In case of contact with skin, wash well with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately- do not induce Vomiting.

T-GUARD[®] WBP

Fire

T-GUARD[®] WBP Primer is non- flammable.

Storage

When stored in cool, dry conditions, away from sources of heat and naked flames, in the original, unopened packs, all products have a shelf life of 12 months. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.

Packing

5 & 20 litre

Coverage

8-10m² /litre /coat

The coverage figures given are for guidance only. The actual rate depends on the absorbency and surface roughness of the substrate.

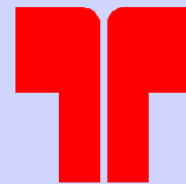
Note: The primer must be well brushed out ponding avoided as too thick layer of cured primer may cause debonding. In accordance with health & safety requirements, packaging details may alter. Please contact your Thermax Office for details.

Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

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THERMAX

Thermax Limited
Environment House, Plot No.90-92
BG Block, MIDC, Bhosari,
Pune 411 026, India.
Tel: +91-20-67156000
Fax: +91-20-27120206
Customer Care: 18002090115 (India
toll free)
Email : enquiry@thermaxglobal.com

Ahmedabad

Tel: +91-79-26575408 • Fax: +91-79-65577270

Bengaluru

Tel: +91-80-22371721 • Fax: +91-80-22371726

Chennai

Tel: +91-44-24303400 • Fax: +91-44-24353841

Delhi

Tel: +91-11- 46087200 • Fax: +91-11- 26145311

Hyderabad

Tel: +91-40-23253700 • Fax: +91-40-23253799

Kolkata

Tel: +91-33-66070800 • Fax: +91-33-66070999

Mumbai

Tel: +91-22-67542222 • Fax: +91-22-22040859

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UK, USA, UAE, Germany, Belgium, Denmark,
Russia, Saudi Arabia, Thailand, Malaysia,
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