

WALLTECT PRO BASECOAT

2X Waterproofing Performance & Decorative Coating System for Exterior Walls

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

TRUBUILD WALLTECT PRO BASECOAT is a single-component, high-performance, acrylic-based waterproof coating composed of high-quality emulsion polymers with carefully selected graded fine fillers and additives. It is designed as an undercoat for exterior wall coatings of the system, providing enhanced durability, protection, and long-term performance for building facades.



FEATURES & ADVANTAGES



**HIGH WATER
RESISTANCE**



**CRACK BRIDGING
UPTO 2 MM***



**THICK DURABLE
COATING UP TO
120 MICRON**



LOW VOC



LEAD-FREE

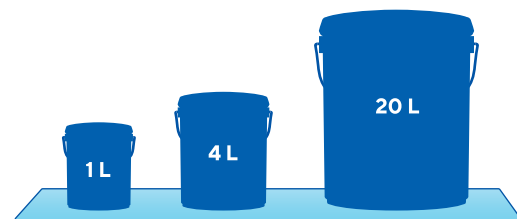
- Excellent waterproofing performance for exterior walls.
- High crack-bridging ability and superior elongation.
- High bond strength to base surface
- Water-based and safe to apply
- High water resistance*
- Anti-carbonation*
- Low VOC, lead-free and eco-friendly

AREAS OF APPLICATION



- Exterior brick/block masonry walls.
- Exterior RCC surfaces and parapet walls.
- Exterior plastered wall surfaces and facades.

PACKAGING



METHOD OF APPLICATION

SURFACE PREPARATION:

- For old structures, remove all loose, unsound materials, oil, dirt, debris, existing paint, waterproof coatings, or any other surface contaminants from the substrate.
- Treat all areas affected by algae, moss, or fungal growth with a biocide wash solution. This should be done using pressure-cleaning equipment with a minimum water pressure of 100–140 bars.
- For new construction, remove all loose and unsound materials, grease, oils, etc., completely using emery paper or pressurised water blasting.
- Fill all existing cracks up to 5 mm by cutting a “V” groove and filling it with Trubuild Crack Fill Paste. For cracks larger than 5 mm, use a polymer-modified mortar made with Trubuild SBR 333.

PRIMING:

- Apply Trubuild Primesure Plus to the substrate. During application, ensure the surface is in a saturated surface dry (SSD) condition.
- To fill surface pores and improve adhesion for the subsequent waterproofing layer, dilute Trubuild Primesure Plus with 60–70% water or can be applied using Trubuild Walltect Basecoat diluted in 2:1 ratio (50% dilution with water).
- Apply primer coat with brush or roller and allow it to dry for approximately 6–8 hours.

APPLICATION:

- After the primer coat has dried, apply one coat of Trubuild Walltect Pro Basecoat without dilution by brush or roller uniformly and allow the basecoat to dry for a minimum of 6–8 hours.
- Once the basecoat is dried, apply 1–2 coats of Trubuild Walltect Pro Topcoat or any water-based exterior acrylic decorative paint.

REPAINTING:

- Ensure the existing painted wall surface should be free from dampness, cracks, peeling, or paint failure.
- Clean the surface to remove dust, grease, fungus, and contaminants.
- Apply one coat of Trubuild Walltect Pro Basecoat without dilution by brush or roller uniformly and allow it to dry for a minimum of 6–8 hours.
- After the basecoat dries, apply 1–2 coats of Trubuild Walltect Pro Topcoat or any water-based exterior acrylic decorative paint.

PRECAUTIONS

- For repainting, the performance of Trubuild Walltect Pro Basecoat depends on the condition of the existing surface paint. If the existing paint film is flaking or poorly bonded to the substrate, the basecoat may have adhesion issues.
- If the existing surface is sound and stable—i.e., free from flaking, peeling, or loose particles—the application of Trubuild Primesure Plus is not necessary.
- Ensure proper use of materials to achieve the desired performance
- Before applying Trubuild Walltect Pro Basecoat, ensure that the previous coating is completely removed and the surface is thoroughly clean.
- Mix thoroughly using a low-RPM paddle mixer after opening the container to achieve a homogeneous mix.
- Avoid application during intermittent rain or on surfaces with stagnant or runoff water.
- Apply Trubuild Pro Topcoat only after 24 hours of curing the Trubuild Pro Basecoat.
- Do not apply Trubuild Walltect Pro Basecoat to water-retaining structures.
- Avoid application if the substrate temperature is below 10°C or above 35°C. The Relative Humidity (RH) should not exceed 65%.
- Use all the material from the container in a single use once opened, to avoid contamination.
- Do not mix water or any emulsion with the product, as this may reduce the durability and performance of the coating.
- Always use a brush or roller for coating application.
- Do not expose the material to direct sunlight. Store in a cool place and ensure the lid is closed tightly to prevent skin formation.
- Withdraw only the quantity of material that can be used within 15–30 minutes.
- Always use an air blower (not a hot air blower) to remove surface dust before starting the application.
- Do not use primers or repair materials from other manufacturers, as they may compromise the system's performance.
- Do not skip any of the prescribed application steps, as this may compromise performance or lead to system failure.
- For miscellaneous or non-standard surfaces, consult the Trubuild Technical Services Team for appropriate recommendations.
- Always use clean brushes and rollers to prevent contamination, which may lead to peeling and failure of the waterproofing layer.
- Follow the recommended coverage rates strictly for optimal performance.
- Read all guidelines carefully and consult the Trubuild Technical Sales Representative before starting the application.
- If the surface has excess moisture, blistering or bubbling may occur with any liquid-applied membrane coating.
- Check and remove any existing cement paint thoroughly.
- The coating is not recommended over putty, synthetic enamels, or bituminous paints.
- Ensure the substrate is fully cured as per standard construction practices before coating.

TECHNICAL DETAILS

S.NO.	PROPERTIES	STANDARD	ASTRAL TDS
1.	Colour		White
2.	Appearance		Opaque
3.	Crack Bridging Ability (mm)	EN 1062-7(A):2004	1.2+/-0.2
4.	Tensile strength (N/mm ²)	ASTM D 412-2016	Up to 3
5.	Elongation (%)	ASTM D 412-2016	Up to 150
6.	Pull-out Adhesion (N/mm ²)	ASTM D 4541:2017	1.5+/-0.1
7.	Water Vapour Transmission, (g/m ² /day)	ASTM D 7234:2022	50
8.	Anti-carbonation	EN 1062-6:2002	Pass
9.	Dry Film Thickness (microns)*		Approx. 125+/-20 micron

Note: For simple system

COVERAGE

- Trubuild Primesure Plus: 11-13 m²/L/ coat
- Trubuild Walltect Pro Basecoat: 4.2-4.7 m²/ L/ coat to achieve a DFT of 125 ± 20 microns for the individual system

Note: Coverage may vary depending on the porosity and undulation of the substrate.

SHELF LIFE

36 months from the date of manufacturing

HANDLING & STORAGE

HANDLING: Follow all mandatory and recommended industrial hygiene practices during handling and application. For further details, please refer to the Material Safety Data Sheet (MSDS).

STORAGE: Stored the product in a cool, dry place, away from direct sunlight, in its original, properly sealed containers.

SAFETY:

- Avoid contact with eyes and skin. If contact with the eyes occurs, rinse thoroughly with water and consult a doctor.
- Wear suitable protective gloves and safety goggles or face protection while handling the product.
- If swallowed, seek medical advice immediately and present the product label.

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