

WALLTECT PRO TOPCOAT

2X Waterproofing Performance & Decorative Coating System for Exterior Walls

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

TRUBUILD WALLTECT PRO TOPCOAT is a high-grade, acrylic-based, single-component elastomeric waterproof exterior coating. It is formulated with select and graded fine fillers and biocide additives for exterior walls. The coating offers excellent flexibility, breathability, water resistance, crack-bridging capability, weathering durability, and strong resistance to microbial growth.

FEATURES & ADVANTAGES



**HIGH UV
AND DUST
RESISTANCE**



**CRACK
BRIDGING
UPTO 2 MM***



**ELONGATION
UP TO 160%**



TINTABLE



LOW VOC



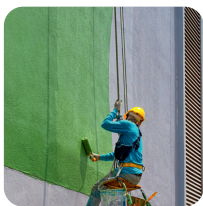
LEAD-FREE

- Excellent weather resistance.
- Excellent resilience to thermal stress.
- Durable coating with good breathability.
- Water-based, hence eco-friendly.
- Provides an excellent barrier to carbonation.
- UV and dust resistance
- Does not require any additional protection.

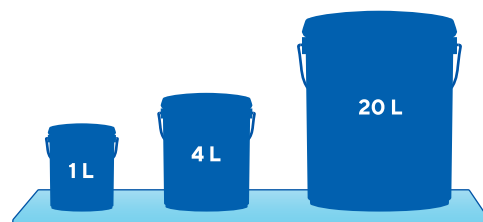
- Can be tinted to obtain the desired shade
- Excellent adhesion to the substrate
- Microbial resistance.
- Lead-free and low VOC.

Note*: Colourant costs extra

AREAS OF APPLICATION



PACKAGING



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

METHOD OF APPLICATION

SURFACE PREPARATION: For old structures, remove all loose and unsound materials, oil, dirt, debris, existing paint, waterproof coatings, or any other surface contaminants from the substrate.

Treat areas affected by algae, moss, or fungal growth using 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, and oils thoroughly using emery paper or pressurised water blasting.

Fill all existing cracks up to 5 mm by creating a “V” groove and filling it with Trubuild Crack Fill Paste. For cracks larger than 5 mm, use polymer-modified mortar with Trubuild SBR 333.

PRIMING: Before applying the primer, use an **air blower** (not a hot air blower) to remove any dust from the surface.

Ensure the surface is in a **Saturated Surface Dry (SSD)** condition during primer application.

Apply a primer coat on the substrate using Trubuild Walltect Pro Basecoat diluted in a **2:1 ratio** (50% dilution with water) to fill surface pores and provide good bonding for the subsequent waterproofing layer.

Mix thoroughly using a low-RPM paddle mixer until a homogeneous mixture is obtained.

Allow it to dry for a minimum of 6–8 hours.

APPLICATION: After the primer has dried, apply a coat of Trubuild Walltect Pro Basecoat **without dilution** using a brush or roller and allow it to dry for a **minimum of 4–6 hours**.

Then, apply Trubuild Walltect Pro Topcoat once without dilution using a brush or roller and allow the coating to fully air cure for a minimum of 7–10 days.

PRECAUTIONS

- 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 Topcoat 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.
- Ensure the substrate is fully cured as per standard construction practices before coating.
- The applied Walltect Topcoat surface should be cleaned at to prevent the growth of fungi, algae, moss, or other vegetation.
- The product can be tinted in range of shades using Astral tinting machine.

TECHNICAL DETAILS

S.NO.	PROPERTIES	STANDARD	ASTRAL TDS
1.	Colour		White
2.	Appearance		Opaque
3.	Crack-bridging Ability (mm) *with Walltect Pro Basecoat	EN 1062-7(A):2004	Up to 2
4.	Tensile Strength(N/mm ²)	ASTM D 412-2016	Up to 4
5.	Elongation (%)	ASTM D 412-2016	Up to 160%
6.	UV Resistance	ASTM D 4587:2011	Excellent
7.	Dust Resistance	In house	good
8.	Anti-Carbonation* with Walltect Pro Basecoat	DIN EN 1062-6:2022	Pass
9.	RCPT (Coulombs)	ASTM D 1202:2025	Very low
10.	Hydrostatic Pressure (8 bars)* with Walltect Pro Basecoat	EN 12390-8:2019	NIL
11.	Water vapour transmission	ASTM E 96:2024	55
12.	Dry Film Thickness (microns)* with Walltect Pro System		Approx.170-190

COVERAGE

- Trubuild Walltect Pro Basecoat (Primer coat at 50% dilution with water):
Coverage: 8-10 m²/ L/ coat
- Trubuild Walltect Pro Basecoat (Without dilution):
Coverage: 4.2-4.7 m²/ L/ coat
- Trubuild Walltect Pro Topcoat:
Coverage: 6-6.4 m²/ L/ coat

Note: Coverage will 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: Store the product in a cool, dry place, away from direct sunlight, in its original, properly sealed containers.

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