



TRUBUILD WPC 666 (Waterproofing compound) is a single component Acrylic based elastomeric exterior protective coating to be applied over exterior surface of walls, to prevent entry of water and moisture from the surface

#### APPLICATIONS

- Can be applied as coating on External facades or Masonry wall

#### ADVANTAGES

- Elastomeric membrane coating with UV resistance property
- High elongation properties than paints
- Upon drying forms, a thick, seamless, durable coating thus offering ultimate water proofing
- Maximum 30% water can be added as a primer coat in Trubuild WPC which reduces the consumption of material further and seals the pores

#### TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Physical state	Visual	Low Viscous liquid
Appearance	Visual	Opaque
Colour	Visual	White (Dry cement colour can also be added to make desired shades)
Viscosity @25°C		12000 – 14000 cps
Drying Time	IS:101 (P-3/S-1):1986	40 min (Complete curing in 7-10 days)
Solid Content%		54 ± 2%
Coverage		7-8 sq meter/kg/coat
DFT Per 2 Coats	Visual	120 Micron (depends up on porosity of the Substrate)
Elongation % Adhesion to Concrete	ASTMD 638	Min 250% Min 1N/mm <sup>2</sup>
Tensile Strength (N/mm <sup>2</sup> )	ASTMD 638	1.1 MPA
Water Vapour Transmission	ASTM -D96	PASS
Water Permeability (mm)	EN-12390 Part 8	NIL

#### HOW TO USE

##### SURFACE PREPARATION

For old structure remove the loose unsound materials, oil, dirt, debris, existing paint, waterproof coatings or any type of other surface contaminations from the substrates. Treat any areas affected by Algae, moss or fungal growth with biocide wash solution. This is accomplished by pressure cleaning equipment with a minimum capability of 100-140 bar water pressure. For new construction remove all loose unsound materials, grease, oils etc must be removed completely by help of sand papers or pressurised water blasting.

Fill all the existing cracks up to 5 mm by making “V” groove and then filling it with Trubuild crack filler paste (CFP 425). For cracks larger than 5mm use Polymer modified mortar making with Trubuild WPL 333/Trubuild BWP 222.

##### APPLICATION

Before application of WPC 666 on the substrate, it is to be ensured that the surface should be in Saturated Dry Condition. For Filling the pores on the surface Mix the WPC 666 with water as specified, then apply it as a primer coat. The coverage of primer coat will be approx. 80-90 sq ft per kg depending upon the substrate condition. After drying of Primer coat apply 1<sup>st</sup> coat of WPC 666 horizontally without any dilution. Allow the first coat to dry for min. 5-6 hours. then apply 2<sup>nd</sup> coat vertically without dilution.

**Repainting-** For repainting work, the performance of Trubuild WPC 666 will depend upon the condition of the existing paint. If the existing paint film is flaking or has a weak bonding with the substrate then the subsequent coat of Trubuild WPC 666 will face the adhesion problem.

**NOTE:** Please check the compatibility before applying on the substrate apart from masonry or concrete. The coating should be air cured for min. 7 days. In case of excess moisture in substrate, there is chance of blister formation in coating. It is always advisable to check coverage on small surface area on site, before working on larger area.



### PRECAUTION & LIMITATION

- Prior to use Trubuild WPC 666, ensure previous waterproofing treatment is completely removed and cleaned.
- Ensure proper consumption of material to achieve all the properties.
- Mix well after opening container using low rpm paddle mixture to get homogeneous mix.
- Avoid application in intermittent of rain or on standing/runoff water at surface.
- Application of Trubuild WPC 666 should be avoided in any water retaining structure.
- Avoid application of Trubuild WPC 666, if the substrate temperature is less than 10 °C and greater than 35 °C & RH should not exceed 75%.
- Consumption of all the material should be done in a single go, once it is opened to avoid any contamination in it.
- Do not mix any emulsion or water to it, it will decrease the durability and performance of the coating.
- Always use brush and rollers for coating application.
- Do not keep material under direct sunlight. Always keep it in shade and close the Lid for keeping it air tight to avoid skinning.
- Take out the sufficient quantity of material from the container which you can consume within 15-30min.
- Always use air blower (Don't use Hot air blower) before commencement of coating to remove the dust.
- Do not use other manufacturer primer or other material which is used for repairing and priming as it will not confront any type of performance which we are providing with our product and system.
- Do not skip any one of the systems as prescribed for the application of Trubuild WPC 666. It may decrease the performance and even lead to failure of entire system.
- For miscellaneous surface always contact Trubuild Technical service team for guidance.
- Always use clean brush and roller to avoid foreign material intrusion in coating and which may get peeled off taking waterproofing coating with it.
- Application of the Trubuild WPC 666 should be as per the Coverage above mentioned for better bonding with substrate.
- Please read all the guidelines and always try to get in touch with our Trubuild Technical sales person before starting any type of application for avoiding any waterproofing system failure.
- Adhesion property may get affected over putty and very smooth surfaces.
- If the surface has excess moisture then there is possibility of blister formation in case of all liquid applied membrane coatings.
- Check the existing paint – cement paint if any, to be removed as best as possible.
- Coating is not recommended on putty as well as on synthetic enamels, bituminous paints.
- Substrate should be fully cured as per standard construction practice before application of coatings.
- The applied Trubuild WPC 666 surface should be cleaned on regular interval of 3 months to avoid formation of fungi/algae/moss or other vegetations. During housekeeping of the WPC 666 applied surface care should be taken to make the surface dry on regular basis

# TRUBUILD WPC 666

## Waterproofing Compound

### TECHNICAL DATA SHEET

VER NO. 1.6



#### STORAGE

Product should be stored in a dry place in their original, properly closed containers at temperature between 2-40°C. Partially emptied container should be closed immediately.

#### HANDLING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product data sheets and the brochure "Hygienic precautions for handling plastics products".

#### SHELF LIFE

18 months from the date of manufacturing.

#### PACKING

250 gm, 500 gm, 1 kg, 5 kg & 20 kg

**IMPORTANT:** This technical data sheet replaces all previous versions of it from the immediate effect. The information, and, in particular, the recommendations relating to the application and end-use of Astral Limited construction chemical products, are given in good faith based on our knowledge and experience of the products when properly stored, handled and applied under suitable favourable conditions in accordance with Application instructions recommended in Product Technical Data sheet. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. For the products on which company is offering warranty, please refer to warranty document to know entire terms and conditions. The same can be availed on request or from company website. The values mentioned in the above tables in technical data sheet are obtained in controlled lab conditions when tested properly by competent laboratory. Tolerance up to five to ten percentage on the lower side from the above values are allowable as per standard. Astral Limited reserves the right to change the properties of its products. The end user of the product must test the product's suitability for the intended application and purpose. Astral Limited will not bear any responsibilities on the product failure if it is wrongly positioned or if improper application methodology adopted by the user or the applicator. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace, and disposal practices are in compliance with applicable laws and other governmental enactments.



#### ASTRAL LIMITED

Registered Office: 207/1, 'Astral House', B/h Rajpath Club, Off S.G. Highway, Ahmedabad-380059, Gujarat, India.  
P: +91 79 6621 2000 | F: +91 79 6621 2121 CIN: U24295GJ2009PLC058120  
E-mail: [customercare@astraladhesives.com](mailto:customercare@astraladhesives.com) Website: [www.astraladhesives.com](http://www.astraladhesives.com)



MORE  
CONVENIENCE



FASTER  
FEEDBACK



ADDRESS TO  
TECHNICAL QUERY

Experience A Better Connect With The Company

Exclusively for our  
Channel Partners & Customers

Visit us at:

[wecare.astraladhesives.com](http://wecare.astraladhesives.com)