

TECHNICAL DATASHEET

ASCOPUTTY

Highly Polymer Modified Prime Wall Putty for Exterior Surface



PRODUCT INTRODUCTION

Ascoputty is highly polymer modified, self-curing and efflorescence resisted white cement based prime wall putty. It produces smooth consistent paste when mixed with water. It resists efflorescence in plastered walls. Being high water resistant, it can be used in external on concrete/cement plastered walls and ceilings. It fills the fine pores of the cementitious substrate and provide a white, smooth finish surface required for painting. It can be applied on fresh plaster/moisture surface. Ascoputty has an excellent adhesion strength, durability & enhances life of paints.

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KEY FEATURES

1. Cost effective.
2. Resists efflorescence.
3. Excellent workability.
4. Highly polymer modified thus excellent adhesion and durability.
5. Easy to use and apply.
6. Excellent resistance of water.
7. Can be directly applied over damp concrete or fresh plaster.
8. Can be applied on interior and exterior surface.
9. Doesn't require curing.

RECOMMENDED APPLICATIONS

Ascoputty is designed for the interior and exterior concrete surface, plaster walls & ceiling, etc.

TECHNICAL PROPERTIES

Appearance	White powder
Density	1050 ± 50 Kg/m ³
Pot life	2 hours
Drying time	40 - 50 minutes
Setting Time	Initial setting time: 100 - 140 minutes Final setting time: <500 minutes
Compressive strength	8.0 N/mm ²
Tensile adhesion strength (Dry)	≥ 1.0 N/mm ²
Whiteness	87-88
Water Retentivity	≥ 98%
Water Demand	Approximately 35-40%

APPLICATION METHODS:

1. Surface Preparation

The substrate should be clean, dry and free from dirt, oil, grease, coating, etc. which may hinder an adhesion.

2. Cleaning

Clean your skin with soap and water. Tools and equipment should be rinsed with water or thinners.

3. Precautions

- i. Ensure that the surface to be painted, is free from loose paint, dust, oil or grease.
- ii. Any growth of fungus, algae or moss needs to be removed thoroughly and cleaned with water.
- iii. Do not over dilute with water.
- iv. Do not apply the material without pre-wetting the surface for the first coat.
- v. Though the material is non-toxic, care should be taken to avoid dust inhalation while mixing and handling.

4. Mixing

Add Ascoputty slowly in 35%–40% of water by volume to prepare the paste of desired consistency. Mix vigorously for 5-10 minutes for making lump free and uniform paste. Mixing could be done manually or by electric mixer. Always mix the quantity which can be used within 2-3 hours.

5. Application

Apply the first coat on pre-wetted wall surface evenly with the help of flat trowel / putty blade. Allow the surface to dry for further 6-8 hours before applying the second coat of Ascoputty. After drying of second coat, remove marks if any with the help of putty blade by gentle rubbing. Finished surface shall be allowed to dry completely. Total thickness of 2 coats should not exceed 2.0 mm.

6. Safety Guidelines

- i. Use personal protective equipment (PPE) to use Ascoputty for storage and application.
- ii. If it comes in contact with your eyes, immediately wash your eyes with water & seek medical advice.

Use of safety goggles, nose mask and hand gloves are recommended to protect eyes, skin & mouth while in use.

(Material Safety Data Sheets are available through our company's representative or from our ASCOLITE's website)

7. Packaging

It is available in 1 Kg, 5 Kg, 20 Kg and 40 Kg sealed bag.

8. Shelf Life

Six months from date of production if stored in original, unopened packaging and protected from moisture, sun exposure & frost.

DISCLAIMER:

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.ascolite.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.