



COSTAR WALL PUTTY

Cement Based Putty

PRODUCT DESCRIPTION

Costar wall putty is specially developed as a base coat to provide smooth finish on plastered surface, and hence ideal for paint application because paint saving can be up to 50%. It contains finest quality minerals, polymers, white cement and pigments.

Costar wall putty has good waterproofing and water resistant properties. It particularly offers protective against wind rain when used for external application.

ADVANTAGES

- Ease of use.
- Perfect Solution for smooth finish
- Avoid frequent repainting.
- Highly durable and water resistant
- Interior and exterior uses.
- Protects against wind rain
- Protection against cracks
- True color tone of the paint is maintained, primer is not required.
- Protects expensive paint from dampness, peeling off and flaking.

APPLICATION AREAS

- Indoor and outdoor facades
- As a complementary of thermal insulation systems in meshed plaster application
- To be used on concrete surfaces, concrete ceilings, rendered wall, hollow block, precast walls; in general any cementitious surface.

APPLICATION

Substrate Preparation:

- The surface must be clean, dry, dense, rough and clean surfaces, free of substances which could reduce adhesion.

- It can be applied on concrete, traditional plaster, dispersion (resistant) paints, gypsum board.
- Glossy surfaces on which oil paints were applied shall be roughened by glass paper and then dedusted.
- Concrete and traditional render surfaces may be repaired with the Costar Wall Putty.

Mixing:

- Costar Wall Putty shall be introduced in the measured volume of clean (4.5-5 liters), clean water and shall be stirred by a paddle mixer until a uniform, lump free mass is obtained. The stirring shall be repeated after 3 - 5 minutes.
- The mixture consistency shall be determined depending on the execution conditions and technologies and shall be maintained during the entire duration of the activity.

Application:

- Costar Wall Putty shall be applied in a uniform layer on the substrate, using the iron trowel.
- The layers applied on walls may be finished by smoothing with the trowel shortly before the material binds.
- After drying the surface may be polished with abrasive paper.
- The dust which will cover the surface shall be swept by a small soft broom.
- Both the instruments and the areas smeared with this coat shall be washed with water and hardened residues shall be removed mechanically.
- The mass prepared shall be used within approx. 40 - 60 minutes since its preparation.

Drying Time:

Drying time depends on the thickness.

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TECHNICAL PROPERTIES

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|----------------------|---|
| Packaging | 20kg |
| Appearance | Grey or White |
| Shelf life | 12 months from date of production |
| Storage conditions | Product must be stored in original, unopened, and undamaged sealed packaging in dry condition and temperature between +5 °C and +35 °C. |
| Mixing ratio | 4.5-5liters of water per 20kg bag |
| Application temp | Minimum 10° C Maximum 30° C |
| Bond Strength | ≥0.4N/mm2 |
| Compressive strength | ≥2N/mm2 @28days |
| coverage | 0.7-1.1Kg per /mm based on the surface NB: The theoretical coverage provided above is obtained based on controlled lab practicals and variations can be expected onsite due to porosity of the substrate, accounting for wastage during application and prevailing weather conditions. |
| Working Time | 40 – 60 minute (can vary on climatic condition) |
| Ambient air temp | +5 °C min./ + 35 °C max. |
| Bending Strength | ≥ 1N/mm2 |
| Substrate temp | +5 °C min./ + 35 °C max |



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SHELF LIFE

Protect from freezing and contamination. Shelf life in unopened, original containers is 12 months, when stored at 68°F (20°C)

PACKAGING

20Kg pack

HEALTH & SAFETY

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear suitable protective clothing, gloves and eye/face protection.
- If swallowed, seek medical advice immediately and show this container or label.
- Keep the coating materials above 10°C.
- Do not apply when surface temperature is below 10°C or over 35°C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.

- Once mixed, it must be used within its pot life as specified in earlier section

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. 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.

