

Polyglaze®

PZ W PUTTY

WHITE CEMENT BASED WALL PUTTY FOR SUPERIOR PAINT FINISH

PRODUCT DESCRIPTION

Polyglaze PZ W Putty is a white cement based putty, ideal for use on concrete / mortar, internal / external walls and ceilings. It fills the fine pores of mortar / concrete walls and ceilings thereby providing a white, smooth and dry surface essential for painting. It gives excellent adhesive strength, durability and enhances the life of paints.

AREAS OF APPLICATION

- ◆ Interior and exterior wall and ceiling surfaces
- ◆ Pre-paint base coat of concrete and mortar walls
- ◆ Surface preparation for repainting or renovating
- ◆ Suitable for Residential, commercial and institutional buildings

ADVANTAGES

- ◆ Can be applied on both Interior and exterior surfaces
- ◆ Does not require any curing
- ◆ Can be used on new as well as old walls/ceilings
- ◆ Gives a smooth and glossy finish
- ◆ Any kind of paint or distemper can be applied on it
- ◆ Prevents the growth of algae and fungi on walls
- ◆ Water and UV resistant

STANDARDS

- ◆ HBD 2012 / IS 17545 : 2021

APPLICATION METHODOLOGY

Surface Preparation

- ◆ Substrates should be clean and free from dust, oil, grease, curing agent, paints and any other materials which might affect adhesion
- ◆ Remove all the loosely adhered material from the wall surface with the help of an emery stone or wire brush and clean water
- ◆ Properly cure the dry surface with a sufficient quantity of clean water and bring it to SSD condition before application of putty

Mixing

- ◆ Take water in a container and gradually add Polyglaze PZ W Putty. Mix the product with water in the ratio of approximately 1:3 - 1:4
- ◆ Mixing can be done manually or by a stirrer
- ◆ Mixing to be done till homogeneous, lump - free mix is obtained
- ◆ After mixing leave the paste for 5 - 10 minutes for polymeric dispersion
- ◆ The paste should be kept away from direct sunlight and should be used within 30 - 45 minutes after preparation (after mixing with water)



Application / Grouting

- ◆ Apply the first coat of 'Polyglaze PZ W Putty' on already moistened wall surface from bottom to upward direction with a putty trowel
- ◆ Allow the first coat of putty to dry for at least for 3 hours before application of the second coat. Apply the second coat of putty from bottom to upward direction
- ◆ Allow the second coat to dry completely for 12 hours
- ◆ Rub the surface gently with very fine emery paper before application of paint

PACKAGING

- ◆ Polyglaze PZ W Putty is available in 20 kg and 40 kg bags

STORAGE & SHELF LIFE

- ◆ Store in a dry place away from moisture and sunlight
- ◆ Best before 12 months from the manufacturing date in original sealed condition

PRECAUTIONS & LIMITATIONS

- ◆ Polyglaze PZ W Putty should be thoroughly mixed with a hand or mechanical stirrer in order to get best results
- ◆ Application should be done on a fully cured surface
- ◆ Total thickness should not be more than 2 mm
- ◆ Always prepare the required quantity of material that can be used within 30 - 45 minutes of preparation
- ◆ Do not rub 'PZ W Putty' harshly with rough emery paper
- ◆ Avoid dust inhalation during mixing and handling of 'PZ W Putty'

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

Physical Appearance	Dry Powder
Colour	White
Mix Proportions	35 - 40% by weight
Pot Life (Temp . 30 °C, RH 65%)	Approx. 3 hrs
Initial Setting Time (Minutes)	≥ 100 min.
Final Setting Time (Minutes)	≤ 500 min.

PERFORMANCE PROPERTIES AS PER IS 17545 : 2021

PROPERTIES	REQUIREMENTS	PZ W PUTTY
Compressive Strength (28 Days)	Min. 5 N/mm ²	> 5 N/mm ²
Tensile Adhesion Strength	Min. 0.8 N/mm ²	> 0.8 N/mm ²
Water retentivity %	Min. 95%	> 95%

COVERAGE

- ◆ Approx. 18 - 20 sq.ft / kg / coat
- ◆ Coverage will vary depending on the surface level, the application method and thickness of material applied

HEALTH & SAFETY

- ◆ Use a respiratory mask and protective gloves during application.
- ◆ Clean hands with soap and water after application.
- ◆ Avoid contact with skin / eyes. In case of unlikely contact, rinse eyes immediately with plenty of clean water and cleanse skin with soap and lukewarm water. Seek medical advice if irritation occurs / persists.
- ◆ In case of unlikely swallowing, seek medical attention immediately.

Disclaimer:

The information in this TDS is for general guidance only. Specific advice for site conditions is available upon request. Details provided by the company are in good faith, when product is properly stored, handled, and applied under normal conditions. The site conditions, material compatibility, and workmanship are beyond our control, no warranties expressed or implied are given. The company accepts no liability for unsatisfactory results or consequential damages arising from product use.



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