

Product Data Sheet

deSTYLE Base Plaster

Product Name

deSTYLE Base Plaster

Product Description

deSTYLE Base Plaster is an innovative and prestigious decorative plaster shipped in paste form, crafted as a base coat for both interior and exterior applications.

Composition & Appearance

deSTYLE Base Plaster is a finely ground, consistently smooth plaster with an organic white color. This exquisite plaster blend, composed of select white limestone and high-quality binders, is designed to create a luxurious effect. The product's versatility allows for a range of personalized color shades.

Suitable Applications

deSTYLE Base Plaster is a natural, high-quality plaster ideal for creating a robust foundation for plaster finishing systems on walls, ceilings, and other architectural surfaces in both residential and commercial settings, including humid areas. This plaster is suitable for exteriors where it ages gracefully, acquiring a unique patina that adds character and depth to the surface.

Limitations

Not suitable for foot traffic. Do not apply to surfaces with exposure to rain or extreme temperature within 24 hours following application. Not suitable for use in areas where it will be in constant contact with water. For exterior use, we recommend only light colours.

Test Before Use

Due to the diverse range of substrates, techniques, application methods, and environmental conditions, we strongly recommend conducting a preliminary test of the plaster. This test should be performed in an inconspicuous area to assess adhesion and compatibility with the specific conditions of your project. Such a test ensures the product's performance and suitability before commencing full-scale application, helping to avoid potential issues, and ensuring optimal results.

Packaging and Storage Instructions

The powder is sealed in airtight plastic pails to ensure product quality. Store the product in a dry, well-ventilated area at temperatures between 5°C and 30°C. Avoid direct sunlight and extreme weather. Proper storage ensures product quality and efficacy.

Environmental Considerations

Sustainability: The plaster is composed of natural, ecologically sourced materials with a circular lifecycle, aligning with our commitment to environmental responsibility.

Low VOC Content: With a VOC (Volatile Organic Compounds) content of 0g/l, our product limits indoor air pollution and meets stringent environmental standards for air quality.

Waste Management: Excess powder and residue should be disposed of in accordance with local regulations. Avoid disposing of material in waterways or sewage systems.

Technical Chart

Specification	Value	Notes
Composition	Lime Putty, marble dust, additives for less than 5%	Lime aged 12 months minimum
Aspect	Paste	Natural white color
Dilution	None required	Can dilute up to 5%
Coverage	Approx. 0.7 - 1.0 m ² /kg	Depending on surface and application method
pH	13	High pH
Vapour Permeability	SD - 0,04m (DIN 52615)	Allows walls to breathe
Water Absorption	w - 0,3kg / (m ² h0,5) (EN1062-3:2001)	Resistant to moisture uptake
VOC Class	VOC 0g/l	Wall paint and subcategory "L" max. value UE2010 30g/l
Packaging	25 kg bucket	Ensures product integrity
Storage	Keep in dry place, 5° - 30°C max.	Protect from extreme temperatures
Application Notice	Protect from rain for the first 24 - 48 hours after application	Important for curing process

Surface Preparation Guide

Basic Surface Preparation: Ensure the application surface is clean, dry, and free from any loose particles, dust, grease, or oil. Repair any irregularities with a suitable plaster. Suitable substrates include drywall, MDF panels (5/8" or thicker), cement panels, or other similar substrates permissible by local building codes.

Leveling and Squaring: The surface must be level, and corners squared. Failure to meet these requirements may lead to a poor final appearance and reduced lifespan of the finish.

Framing Behind Seams: Ensure framing is in place behind all seams to prevent movement cracks, which can occur due to temperature and humidity changes, causing the substrate to expand and contract. Without framing, the plaster is prone to cracking or separating from the surface.

Corner Treatment: Properly squared corners are crucial for even application. Unsquared corners may result in a finish with rounded or skewed corners, diminishing the overall aesthetic.

Prime & Seal: New drywall must be sealed with a new drywall primer/sealer. MDF must be primed with an appropriate primer. Surface repairs must be primed after final sanding.

Required Tools

To ensure a smooth and efficient application process of the plaster, having the right tools on hand is essential. Below is a list of required tools:

Mixing Drill and Paddle: A high-quality mixing drill fitted with a suitable mixing paddle is essential for achieving a consistent, lump-free mixture of the plaster.

Stainless Steel Trowel: Used for applying the plaster to the surface in an even layer. A stainless-steel trowel is recommended for its durability and ease of cleaning.

Decorating Tools: Specialized tools for texturing and adding decorative effects to the plaster finish.

Fibreglass Mesh: Necessary for embedding in the base plaster to provide additional strength and prevent cracking.

Personal Protective Equipment (PPE):

Safety Goggles: To protect eyes from splashes during mixing and application.

Gloves: To protect hands from the alkalinity of the plaster and any skin irritation.

Having these tools ready and at hand will facilitate a professional and efficient application of the plaster, ensuring the best possible outcome for your project.

Application Guide

Primer Application: Apply *deSTYLE SuperPrimer* to the prepared substrate to enhance the adhesion of the plaster.

Mixing Plaster: Mix until a lump-free mixture is obtained.

Base Coat: Apply a coat of *deSTYLE Base Plaster* evenly across the substrate using a stainless-steel trowel. This base plaster is designed to provide a robust foundation.

Embedding Fibreglass Mesh: Once *deSTYLE Base Plaster* is applied but still wet, use a trowel to embed a fibreglass mesh into the plaster. This step adds tensile strength and helps prevent cracking, ensuring a more resilient exterior finish.

Second Coat (if required): Apply a second coat of *deSTYLE Base Plaster* after allowing the first coat to fully dry. Embed the fibreglass mesh perpendicular to first coat. Ensure this coat is smooth and even, as it will form the base for the finishing plaster.

Drying Time: Allow approximately 24 hours in between coats and before sealing. The drying time may vary based on the thickness of the application, humidity, ambient temperature, and airflow. Protect the applied product from rain and excessive moisture for the first 24 to 48 hours to ensure proper drying.

Carbonation: Carbonation, the process by which the plaster absorbs ambient carbon dioxide, occurs gradually and can take several months to complete depending on environmental conditions such as temperature and humidity.

Cleanup & Maintenance: Clean tools and any spatter immediately with warm water. Once sealed and cured, the surface can be gently cleaned with a damp cloth.

Proceed to apply finish coats. See PDS for relevant finish product.

Safety Precautions

*****For full details on safety precautions, please see our Safety Data Sheet*****

Personal Protective Equipment (PPE): When handling *deSTYLE* products, wear appropriate PPE, including gloves, dust masks, and safety goggles to prevent skin contact, inhalation, and eye irritation.

Ventilation: Ensure adequate ventilation in the workspace.

First Aid: In case of skin contact, wash the area with soap and water. If the product contacts the eyes, rinse thoroughly with water, and seek medical attention if irritation persists. For inhalation, move to an area with fresh air and seek medical help if breathing difficulty occurs.

Storage Safety: Store the product in a secure area away from children and pets to prevent accidental ingestion or contact.

Disclaimer

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Warranty

We warrant that *deSTYLE Base Plaster* will perform in accordance with its product specifications when used and applied according to the provided instructions. This warranty is valid for a period of *12 Months* from the date of purchase, provided the product is stored and used as recommended. This warranty does not cover damage resulting from improper application, surface preparation, or use in applications not recommended in this data sheet.

deSTYLE's liability under this warranty shall be limited to product replacement or purchase price refund, at *deSTYLE's* discretion. This warranty is non-transferable.

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