

NESCOAT® DURAFILL

Exterior Wall Putty

DESCRIPTION

NESCOAT® DURAFILL is an acrylic resin-based exterior putty with high filling capacity. It is designed for surface leveling applications and can be applied in a single layer with a thickness of 0.5–1 mm. It creates a smooth surface before painting or coating.

APPLICATION AREAS

- Suitable for horizontal and vertical surfaces in both interior and exterior applications.
- Ideal for filling capillary cracks and pores in fair-faced concrete, precast concrete, and prefabricated concrete elements to achieve a smooth surface.
- Used for filling voids and creating a smooth surface on previously painted and peeled surfaces after cleaning.

ADVANTAGES

- Provides a durable and smooth surface.
- Resistant to outdoor weather conditions.
- Adheres strongly to the surface, preventing peeling or flaking.
- Flexible with superior resistance to cracking.
- Its white color makes it easy to paint over.

SURFACE PREPARATION

The substrate must be clean, dry, and structurally sound to support the application. In restoration works, weak plaster layers should be mechanically removed entirely. Cracks should be widened in a V-shape to reach stable areas. The surface should be cleaned of dirt, dust, and other adhesion-impairing materials. The surface should be dampened without allowing water pooling. Highly absorbent surfaces should be primed with **NESCOAT® PUREPRIME** transparent primer before application.

MORTAR PREPARATION

NESCOAT® DURAFILL is ready to use and only needs to be mixed to achieve a uniform consistency. In hot weather, a small amount of water may be added if necessary. The prepared mortar should be used within 2 hours. Do not add water or product to hardened material for reuse.

APPLICATION

- Apply the mortar to the damaged surface using a spatula or steel trowel, pressing firmly to fill voids and smooth the surface.
- Adjust the mortar thickness as needed for filling gaps.
- For surface leveling, ensure that the mortar thickness does not exceed 1 mm in a single layer.
- For thicker applications, allow the first layer to dry for 3 hours before applying an additional layer.
- To achieve a smooth finish, sand the surface after it has dried (24 hours).
- After application, apply a suitable primer before proceeding with any type of paint or coating.
- Clean hands and tools thoroughly with plenty of water after application.

DRYING TIME

- Surface drying occurs within 1 day at 23 °C and 50% relative humidity. Full curing is achieved in 3 days.
- Drying times are shorter at higher temperatures and longer at lower temperatures.

CONSUMPTION

- 1 kg/m² (for 1 mm application thickness)

The specified consumption amounts may vary depending on the surface and application conditions. A sample application is recommended for accurate consumption measurement.

WARNINGS AND RECOMMENDATIONS

- The ambient temperature and surface temperature during application should be between +5 °C and +35 °C.
- After application, the product should be protected from rain or any other causes of wetness until it dries.
- Avoid application if freezing conditions are expected within 24 hours after application.

STORAGE AND SHELF LIFE

- The product should be protected from rain, moisture, intense sunlight, and frost.
- Do not stack more than 4 buckets on top of each other.
- Shelf life is 2 years from the production date under proper storage conditions.
- Once opened, containers should be tightly sealed when not in use.

PACKAGING

25 kg and 5 kg plastic buckets.

SAFETY RULES

- Appropriate protective equipment (clothing, gloves, goggles, mask) should be used during application.
- In case of contact with the skin, the affected area should be washed with plenty of water.
- For more detailed information, please refer to the Material Safety Data Sheet (MSDS).

QUALITY CERTIFICATES

- Complies with the ISO 9001:2015 quality management standard.



LEGAL DISCLAIMER

The information in this document has been prepared based on NESCAOT's laboratory tests and field experience. NESCAOT is not responsible for any adverse outcomes resulting from the use of the product outside of its intended purpose or failure to comply with the conditions stated above.