

CRÉPIFIX 800



CRÉPIFIX 800 is a cement based and fine basaltic sand, for smooth finishes on interior and exterior block or cellular surfaces.

CONSTITUENTS

- Ordinary Portland cement conforming to EN 197.
- Basaltic sand graded up to 0.800 mm.
- Additives with crack-reducing, set time controlling and adhesion enhancing properties.
- Water Repellent.

CHARACTERISTICS/ADVANTAGES

- Pre-packed mortar.
- Easy to mix and apply.
- Application thickness of up to 10 mm per pass.
- Excellent workability and spreadability.

TESTS / STANDARDS

- Quality control tests have been performed based on EN 1015 and EN 12004 methods of mortar & adhesive testing.
- Drymix Ltd is certified ISO 9001, as such there is a factory production control system in place to ensure good quality of raw materials, semi-finished materials and finish goods.

TECHNICAL DATA

PRODUCT AND APPLICATION DATA

Appearance	Grey powder
Packaging	25 kg bag
Storage conditions	Bags should be stored dry off the ground and protected from the weather
Shelf Life	5 – 6 months when stored unopened in a cool dry place
Maximum grain of aggregate	0.800 mm
Water demand	5.0 – 5.6 L water per bag
Application temperature	+ 5°C to + 35°C (Recommended at 21 - 26°C)
Workable time	50 – 60 min (depending on ambient temperature) at 20°C/50% RH Lab conditions. This value is sensitive to any temperature change.
Fresh Density	1,900 kg/m ³
Ph	13
Minimum application thickness	3 mm
Maximum application thickness per layer	10 mm
Consumption	Approx. 1.9 kg/m ² /mm (as a guide)

PERFORMANCE DATA

Compressive Strength	≥ 20 MPa
Flexural Strength	≥ 4.0 MPa
Chloride ion content (%)	0.03 %
Water vapour permeability	μ 15/35 (tab. value)
Thermal Conductivity	(λ10,dry) 1.28 W/m.K (tab. value)
Fire resistance	Class A1

APPLICATION METHODOLOGY

BACKGROUND PREPARATION

- Remove all dust and impurities by dry brushing before washing the surface.
- Check that the surface is flat and, if necessary, apply an undercoat.
- For concrete surfaces, use **PRIMEFIX PLUS** for proper bonding.

APPLICATION

- Clean and moisten the surface to be rendered with a masonry brush.
- Add a 25kg bag of **CRÉPIFIX 800** to 5.0 - 5.6 L of clean water and mix with a hand blender until obtaining a homogeneous paste.
- It is important to pour the mortar in water and not vice versa.
- Allow the fresh paste to mature for about 2 - 3 minutes.
- Apply the product to a thickness not exceeding 10 mm.

* Refer to the Application Protocol for further details.

Note: For a regular finish, it is important to rinse the sponge at every 1-1.5m².

IMPORTANT NOTES

- Always start application early morning.
- Always pour mortar in water and not vice versa.
- Mixing should always be done in closed container. **DO NOT MIX PRODUCT ON FLOOR!**
- Using a wheel barrow or flexible plastic container to mix product is advantageous.
- If the thickness requires more than 10 mm, the preceding layer is combed and a final coat is applied after 24 hours.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use as hardened or cured material can only be mechanically removed.

PRECAUTIONS

- Do not apply the product at temperatures $< 5^{\circ}\text{C}$ and $> 35^{\circ}\text{C}$.
- Avoid applications during rainy periods even if intermittent or on surfaces with dripping water.
- To avoid shrinkage, it is imperative to respect the gauging water quantity.
- Ensure that surfaces of application are protected against the wind and direct sunshine in order to prevent rapid desiccation of the product leading to shrinkage as well.
- Discard fresh mortar that has been left aside for more than one hour.
- Do not sprinkle water or trowel dry cement on surface during trowelling.
- Avoid aggressive or excess trowelling.

CURING DETAILS

It is essential to cure the render the next day following application for a minimum of 3 days to ensure full cement hydration and to minimize cracking. (Avoid performing high vibration work during this period).

HEALTH & SAFETY NOTES

As with all cement based products:

- Wearing of gloves, goggles are highly recommended during application.
- Avoid contact with the eyes & skin.
- In case of contact with skin or the eyes, wash abundantly with clean water.
- In case irritation persists, consult a doctor immediately.

For further information and advice on the safe handling, storage and disposal of this products, user shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety- related data.

NOTES

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after longterm practical application. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.