

# Monneli Spatter Dash HB

Cementitious scratch coat / key coat  
with high bond strength

## Product Description

Monneli Spatter Dash HB is a polymer modified cement based key coat composed of hydraulic binders, selected sand aggregates and high performance additives used to achieve mechanical key on ultra smooth concrete surface of modified concrete, prior to plastering. It is supplied as a dry powder in per-weighted bags ready to use on site, which requires only addition of clean water to produce easily sprayable mortar. Monneli Spatter Dash HB replaces the hacking of ultra smooth concrete surface of concrete modified with micro silica and polymer additives and is a high quality product for multipurpose applications containing special bonding agent.

- ▶ Internal and external scratch coat for plasters.
- ▶ On block walls, fair faced concrete and precast panels prior to plastering application.
- ▶ Plaster bond enhancer and mechanical key on horizontal, vertical and overhead application.

## Advantages

- ▶ Superior adhesion on variety of substrates
- ▶ Internal & external applications.
- ▶ Suitable for normal humid & dry conditions.
- ▶ Factory controlled pre-blend ensures consistent high quality.
- ▶ Requires only addition of water on-site at the time of usage.
- ▶ Manual or spray machine application or by hawk & trowel techniques.
- ▶ Superior workability
- ▶ Suitable for vertical & ceiling surfaces.

## Usage Instructions

### Surface Preparation

Substrate should be sound, clean, free from loose material, grease, laitance, dirt curing compound, or any other substance that might impair the quality of bond with the substrate.

Prior to Monneli Spatter Dash HB application, damp the entire surfaces with clean potable water. The substrate should be neutralized surface at the time of Monneli Spatter Dash HB application.

### Mixing

Add to the mixing container 9-11 liters of water for each 50 Kg bag of Monneli Spatter Dash HB. Add the powder to the water and mix with a mechanical plaster mixer or low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved.

Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogeneous mix is achieved.

### Application

Monneli Spatter Dash HB preferably be applied in a single coat application to achieved desired rough thickness of 4-8 mm.

Apply mixed material using mechanical spray or manual spatter machine or hawk & trowel technique.

Cover 95-100% of surface area to be plastered.

Allow the installed application to remain undisturbed for at least 48 hours.

### Curing

Monneli Spatter Dash HB is best cured by spraying water on the surfaces of applied materials every 12 hrs for minimum of 3 days. During hot & dry conditions allow curing for minimum of 5 days. It will help to obtain high mechanical strengths and minimize the risk of surface cracks.

## Technical Data

Category	Typical Values
Appearance	Grey Granular Powder
Aggregate Size	2.8 mm (max)
Application Thickness	4-6 mm (rough finish)
Wet Density	1.80 Kg/L $\pm$ 0.1
Pot Life	60 minutes
Setting Time	3-5 hours
Compressive Strength (ASTM C109)	$\geq$ 17 N/mm <sup>2</sup> @ 28 days
Flexural Strength (ASTM C348)	$\geq$ 4.0 N/mm <sup>2</sup> @ 28 days
Bond Strength (EN 1015-12)	$\geq$ 1.15 N/mm <sup>2</sup> @ 28 days

All values are subject to 5-10% tolerance

## Standards Compliance

- ▶ ASTM C387
- ▶ BS 5262, 5492
- ▶ BS EN 1015
- ▶ BS EN 13914-1
- ▶ DIN 18550
- ▶ BS EN 998 – 1:2003
- ▶ ASTM C926
- ▶ Cement type: ASTM C150, type 1

## Consumption

Monneli Spatter Dash HB usage yields 1.3-1.6 Kg per square meter for 1 mm thickness.

## Packaging

Monneli Spatter Dash HB is supplied in 50 Kg bag sizes.

## Shelf Life & Storage

Original sealed bags of Monneli Spatter Dash HB has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25 °C.

## Recommendations

- ▶ Make sure the substrate is suitable for the application of Spatter Dash HB, in case of doubt, try on sample area to assess its suitability.
- ▶ Tools should be cleaned with water before the mortar hardens. After the hardening its residuals can be removed mechanically only.
- ▶ Do not apply the product under direct rain, extreme wind and at temperatures below +5 °C or above +45 °C. For further information, contact our technical department.

## Health & Safety

Monneli Spatter Dash HB is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice.

Monneli Spatter Dash HB is non-flammable.

For further information, please refer to material safety data sheet.

## Legal disclaimer

Monneli endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Monneli has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

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