

MONNELI DASHBOND STR

Superior Quality Spatter Dash Bond Coating

Product Description

A cement based premixed product with exceptional performance and strong bond with polystyrene (insulation board, structural block and on masonry) which does not require multiple coats.

DASHBOND STR can also be applied directly on smooth concrete walls and ceiling (without opting to roughen the surface by hacking it or even if the concrete contains micro-silica) to serve as a rough scratch coat before applying the cement plaster.

DASHBOND STR is suitable as a base coat on precast, cement block, and conventional buildings.

Uses

DASHBOND STR is specially formulated for application on fair face concrete containing micro-silica and on AAC (Autoclaved Aerated Concrete) blocks, without a need to hack the surface.

Advantages

- High quality premixed spatter dash bond coat
- Water resistant
- Provides a hard, durable single coat over EPS exterior walls
- Can be applied directly on EPS foams and CMU block
- For exterior and interior use
- Resistant to mold and mildew growth
- Excellent workability and easy to use
- High strength and bonding properties
- Very good adhesion to concrete which contains micro-silica

Composition

DASHBOND STR consists mainly of Portland cement, special high strength hydraulic binders, aggregate and special chemical additives to achieve a high strength adhesion with water resistance and crack free coat and can be used over an approved drainage and ventilation cavity, cement-based breathable mineral plasters, alkali resistant fibre-glass mesh and assorted PVC flashings and trims.

Instructions for Use

Surface Preparation

Remove dust, loose particles, grease and traces of foreign materials which may affect the adhesion.

Remove all traces of curing compound films and shuttering oil. Do not use paint remover or solvent to clean the surface.

Moisten the concrete surface or the AAC Block wall with clean water before applying DASHBOND STR. Running water on the surface should be allowed to drain prior to application.

Repair damage, dents and voids in the EPS substrate with an appropriate expanded insulation prior to applying DASHBOND STR. Do not attempt to make repairs with DASHBOND STR or anything other than expanded insulation.

Mixing

Add the content of DASHBOND STR bag into a container of 10.5-11 Liters of clean water. Mix until a uniform, lump free consisting mix is achieved.

For mixing process, a slow speed drill (200 -300 rpm) fitted with a suitable paddle is recommended. Let the composition stands for nearly 5 minutes and remix again.

Application

Apply the mixture using a suitable spraying unit or with Tyrolean machine manually till you reach the required thickness (2 to 3 mm).

Curing

The sprayed coat should be cured for a minimum of 2 days by keeping the entire sprayed area wet all day.

Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

Recommendations

- In case of application in summer season, it is strongly recommended to spray the concrete walls one hour before applying DASHBOND STR in order to reduce surface temperature.
- Do not apply DASHBOND STR to substrates that are below 0°C or that are wet, frozen or contain frost.

Technical Data

Properties	Results
Appearance	Powder
Color	Grey
Density	1.8 kg/L
Compressive strength at 28 days (ASTM C579)	25 N / mm ²
Flexural strength at 28 days (ASTM C580)	7 N / mm ²
Chloride content	Nil
Inflammability	No
Toxicity	Non-toxic
Working time	50 minutes

All values are subject to 5-10 % tolerance

Applicable Standards

- ASTM C 926, C 932 & C 897
- BS 4551 Part 2, 5262 & 5492

Consumption

Up to 20 m² per 50 Kg / 1.7 mm depending on the method of application and surface condition

Packaging

DASHBOND STR is supplied in 25kg bags and 50kgs.

Storage

Product should be stored in dry and covered place in unopened bags. In these conditions, product shelf life is 12 months from production date.

Health & Safety

DASHBOND STR is a cement-based product.

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

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