



# Brushbond (M)

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## Technical Data

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Rate - 1/4" thk (ASTM E-96)

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Water Absorption (ASTM C-140)	2.0 % absorption
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## Chemical resistance

Brushbond (M) has outstanding wear and weather resistance and also has good chemical resistance to mild inorganic acid solutions, chlorides, de-icing salts, effluents, etc.

Brushbond (M) provides a protective waterproof coating and has been shown to resist water pressure up to 7 metre head. The degree of resistance of Brushbond (M) to water under pressure depends on the coating thickness and the nature of the substrate.

## Application Instructions

### Preparation

All the surfaces which are to receive Brushbond (M) coating must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a suitable concrete repair mortar such as Renderoc TG.

### Mixing

Add the powder component gradually to the liquid avoiding lump formation and mix 2 to 4 minutes. Do not mix more material than can be used within pot life. Keep mixing from time to time during application. Brushbond (M) is supplied in the correct powder to liquid ratio of 3.5 : 1 (17.5kg : 5kg). Do not re-temper with water.

### Application

For best results damp the surface before coating with Brushbond (M). Use a short, stiff bristle brush preferably 120 to 200mm in width. Apply, like a paint, one or two coats as required. Spray or trowel applications can be undertaken as necessary using the correct mixing ratio to obtain satisfactory consistency. Two coats are recommended for best results.

On hot substrates i.e. over 40°C surface temperature, a primer coat of mixed Brushbond (M) and water with a slurry like consistency should be applied. Prime only areas

that can be coated with Brushbond (M) before the primer dries.

## Subsequent Finishes

Brushbond (M) provides an aesthetically pleasing surface finish texture dependent on the methods of application and does not normally require any further surface finish. Brushbond (M) is however, compatible with most forms of subsequent coatings.

Should you need more information consult Fosroc Technical Department.

## Protection

The freshly applied waterproof coating shall be protected from rain, dirt, oil grease or other loose materials during its drying time. The contractor should also take precautions to protect the Brushbond (M) of coating from any mechanical damage during the construction of his other works. Brushbond (M) waterproofing system to floors should be protected from damage by applying a protective screed.

## Cleaning

Brushbond (M) should be removed from tools and equipment immediately after use with clean water. Hardened material can be removed mechanically.

## Limitations

Brushbond (M) should not be applied during rain or when rain is expected.

For vertical application, Brushbond (M) should be cured for at least 5 - 14 days, depending on ventilation condition of area of application, prior to laying of cement/ sand plastering or tilling or similar.

The use of an approved tile adhesive or bonding agent can be an added advantage to ensure optimum bonding between tilling/ plastering and Brushbond (M). Please consult Fosroc technical department for details

# Brushbond (M)

## Estimating

### Supply

Brushbond (M) is supplied as a 22.5 kg pack:

Powder	17.5 kg
Liquid	5.0 kg
<b>Total</b>	<b>22.5 kg</b>

### Coverage

Depending on the usage of the surface to be coated, the total consumption for two applications is as follows:

Usage	Consumption	Thickness
Protective Coating	1.5 kg/m <sup>2</sup>	0.9mm
Waterproofing	2.0kg/m <sup>2</sup>	1.2mm

### Storage

Brushbond (M) has a shelf of 12 months in unopened packs, kept in a dry store. In high humidity locations, the shelf life may be reduced to 6 to 8 months.

## Precautions

### Health and Safety

Brushbond (M) is non-toxic but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with plenty of clean water. In the event of prolonged irritation, seek medical advice.

Powder products should be handled to minimise dust formation. Use a light mask if excessive dust is unavoidable.

### Fire

Brushbond (M) components are non-flammable.



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