



The Chemical Company

MASTERSEAL[®] 525

Cementitious, flexible, waterproof coating for the protection of marble & granite

Description

MASTERSEAL[®] 525 is a two component polymer modified cementitious coating that requires only on site mixing of the two components to form the ideal product to waterproof the back face of marble and granite cladding to prevent water ingress and discolouration.

Simply applied by stiff brush, roller or trowel to form a waterproof and flexible membrane.

Typical applications

As a backing to marble and granite to prevent water ingress and surface staining.

Packaging

MASTERSEAL[®] 525 is available in 20kg double pack.

Composition

MASTERSEAL[®] 525 is composed of specially selected cements, silica sand and reactive fillers supplied in powder form together with a liquid component of blended acrylic copolymers and wetting agents.

*Typical properties

Density:	1800kg/m ³
Toxicity:	Non toxic
% elongation:	>5% (unbonded)
Initial surface absorption:	>95% reduction against control

Standards

BS 1881 Part 5 1983 - I.S.A.T.

DIN 1048 Water Penetration Test

BS 476: Part 6 - Fire tests on building material: & structures - Method of test for fire propagation for products.

Application procedure

Surface preparation:

Surfaces to be treated should be sound, clean, free of dust or other contaminants that could impair adhesion.

Mixing:

MASTERSEAL[®] 525 is supplied in premeasured units and should be mixed on site using clean containers. Slowly add the powder to the liquid and mix, using a slow speed drill fitted with a suitable paddle. MIX AND USE. Do not mix more material than can be used in one hour.

NOTE: Although MASTERSEAL[®] 525 is supplied in premeasured packs, part packs can be used by mixing 2 volumes of powder to 1 volume of liquid. Mix thoroughly and keep mixed during application. DO NOT RE-TEMPER WITH WATER.

Application:

Wet surfaces to be treated with clean water. Whilst still visibly damp, but free of standing water, apply using a short, stiff bristle brush or roller. Where more than one coat is found necessary to achieve the desired thickness, apply the second or subsequent coats after the previous coat has dried.

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It is recommended, for general protection, that each coat should be a minimum of 1 mm thick.

Effect of water pressure

MASTERSEAL[®] 525 provides a protective waterproof coating. When tested to DIN 1048. MASTERSEAL[®] 525 was shown to resist water pressure up to 7 Bars (70 metre head).

Coverage

1.8 kg / m² at 1 mm thickness.

Specification clause

The back surfaces of marble or decorative stone tiles or cladding are to be coated with MASTERSEAL[®] 525, a two component reactive polymer composite. The material shall be mixed and applied fully in accordance with the manufacturer's instructions.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention.

Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF's Technical Services Department.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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* Properties listed are based on laboratory controlled tests.

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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