



TECHNICAL DATA SHEETS

CEMENT / MORTAR REMOVER

PermaShield CMR has been specially formulated for the removal of cement and mortar stains from brick and sandstone. Also for cleaning concrete structures and concrete mixing machines. It will also aid the removal of efflorescence of sandstone and brickwork. It can be used on new brick or sandstone structures for cleaning cement/mortar staining.

Product description

It is a slightly turbid, slightly viscous, aqueous liquid containing a mixture of inorganic and organic acids. Although the agents present are classified as irritants, for additional safety, we grade this product as corrosive.

Materials to be avoided

Aluminium, zinc, limestone, Portland stone, marble, calcited stone and slate.

Safe Handling

Containers should be stored in a safe place with caps secured and a trained responsible person detailed for security in depots, in transit and on sites. Spillages must be dealt with immediately. Only competent persons should handle this product.

Ecology

PermaShield CMR is a blend of organic and inorganic acidic products, of surface active agents, solvents and inhibitors. When adequately diluted the organic components are biodegradable.

Coverage

3-4 m²/lt

How to use the product

Establish the method, contact time and number of treatments necessary by means of a test patch trial. Pre-wet the masonry. Apply PermaShield CMR by brush (or with care by low pressure spray). Leave for 10-20 minutes before rinsing off. Contact times of longer than 1 hour are not beneficial. For cleaning concrete structures,

degreasing may first be necessary. PermaShield CMR will then act as an additional cleaning agent and neutralising wash if applied onto pre-wetted blocks, left 10-20 minutes then jetted off.

Pre-Cleaning Recommendations

Remove any large organic deposits with scraper or by pressure water jetting before application of the chemical.

Protection of Operative

Chemical protective suits are needed along with PVC gauntlet gloves, face shield, head covering and suitable footwear. Nobody should be allowed to work or pass underneath areas being worked. All persons should be familiar with the required safety precautions and correct handling of the product.

First aid advice

Acid splashes on skin should be flushed with water. If the product comes into contact with the eyes flush with water followed by a mild eye rinse containing sodium bicarbonate. Contaminated clothing should be removed immediately.

CEMENT / MORTAR REMOVER

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Health & Safety Information

When empty, containers should be filled with water and then emptied in an approved manner and disposed of.

COSHH DATA: Permashield CMR

Hazardous ingredients: Contains a mixture of acids classified as IRRITANT and equivalent substances no UN 1789

Hazard Classification: Labelled as CORROSIVE for additional safety

Physical data: A clear aqueous slightly viscous fluid

Solubility: Totally miscible with water

S.G at 20°C: 1.035 to 1.065

pH: Less than 1

Flammability: Non flammable

Fume hazards: None

Handling precautions: Wear chemical resistant suits, gloves and full face protection

First Aid

- Skin: Wash thoroughly with clean, soapy water
- Eyes: Wash thoroughly with clean water. If irritation persists seek medical help
- Ingestion: Give plenty of milk to drink

Spillages: Dilute into plenty of water or cover with soil/sand and dispose of the debris in an approved place

Disposal: Ensure adequate dilution before discharge to drains

Disclaimer: The information given in this Data Sheet is for guidance only and is correct to the best of our knowledge. Any person using these products does so at their own risk and we cannot accept liability for the performance of the product, nor for any loss or damage. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification.