

DATA SHEET

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STONE, GRANITE & MASONRY SEALER

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PRODUCT DESCRIPTION

- **Stone, Granite & Masonry Sealer** is based upon a complex aluminium compound with outstanding waterproofing properties and high durability. Unlike ordinary waterproofing solutions the treated surface may be over-coated when required without loss of adhesion. When applied **Stone, Granite & Masonry Sealer** can hardly be detected preserving the appearance and character of the substrate. It is ideal for use on brickwork, concrete and other porous surfaces exposed to the weather. **Stone, Granite & Masonry Sealer** is easily applied by conventional methods and will remain effective for many years. An important property of **Stone, Granite & Masonry Sealer** is its ability to reduce dirt retention even on rough substrates.

FEATURES

- Clear liquid: preserves appearance and character of original substrate.
- Can be over-painted if required without loss of adhesion. Allow up to six months for surface to oxidise. If in doubt ask for technical advice.
- At least 10 years until further application necessary.
- Remains effective without slow diffusion.
- (Complies with BS 6477)
- Simple to apply by brush or spray equipment.
- Ideal for waterproofing concrete tiles, slate, stone and brickwork, building boards and all absorbent substrates.
- Does not interfere with vapour permeability of underlying substrate.

SUBSTRATE DATA

- **Stone, Granite & Masonry Sealer** is suitable for use on most mineral surfaces, since its action is to penetrate deeply and prevent the absorption of water. It is important to make sure that the surface is free of dirt, grease and algae before applying the product. **Stone, Granite & Masonry Sealer** is suitable for use on cement/lime sand finishes, rough cast or pebbledash, weathered asbestos cement sheets, concrete, brickwork (excluding dense or semi-glazed engineering bricks), natural and artificial stone.

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SUBSTRATE DATA

- Stone, Granite & Masonry Sealer is applied freely by brush or spray apparatus. The product must be liberally applied in one coat to all porous surfaces and coverage will depend upon the absorbency factor, varying between 3.5 and 4.5 m²/lt. On very high suction surfaces this may be reduced to only 2m²/L and therefore 2 coats will be required. The surface drying time will vary depending upon the temperature, but under normal circumstances will take 2 hours. Before the application of Stone, Granite & Masonry Sealer, the surface should be free of all forms of contamination such as grease, oil, lichens, excessive dampness and dusty deposits. If a high degree of dampness is suspected, the surface should be allowed to dry out before applying the treatment. Dusty deposits, algae and loose flaking materials should be removed with a wire brush in order to present a surface which is easily treated. Any obvious cracks or defective points must be made good before treatment, otherwise Stone; Granite & Masonry Sealer may not bridge sufficiently to avoid rain penetration. This does not apply to hairline cracks which do not require any form of treatment

PERFORMANCE DATA

- **Stone, Granite & Masonry Sealer** does not allow the penetration of water into porous substrates, due to its ability to shed water upon contact. The product is easily applied by brush or spray apparatus by flooding over the surface and is suitable for use in pressure injection equipment.
- Tests indicate that **Stone, Granite & Masonry Sealer** will remain effective for a period of at least 10 years, with the exception of highly alkaline substrates e.g. limestone, when effective life would be within the region of 5 years. **Stone, Granite & Masonry Sealer** has the added advantage of reducing dirt retention on masonry, which is of special value on raw sandblasted surfaces.

Fig. 1:

Silicones essentially forming, may diffuse and become prone to attack and degradation by atmospheric conditions.

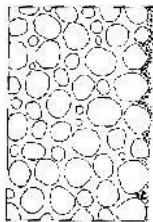
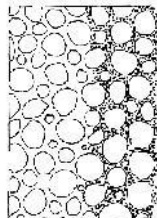


Fig. 2:

Stone, Granite & Masonry Sealer penetrates deep into the substrate giving increased protection and a longer life.



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WEATHER PROOFING

- The full water repellent properties of the product are achieved as soon as it is dry. The treatment renders the surface water repellent, but does not seal it. The water vapour permeability of the substrate will not be significantly affected and will allow the passage of water vapour, thus enabling overloaded substrates to dry out.

MAINTENANCE

- Periodic re-coating of the masonry will be necessary to maintain water repellency. On all masonry materials, apart from high alkali limestone, this is envisaged being necessary after every 10 years. Brushes or tools may be cleaned with White Spirit or Turps. Substitute.

PACK SIZE

- Supplied in 25 litre drums and 5 litre screw-capped cans. Don not sore below freezing point otherwise thickening of the product may occur.

WARNING

- If efflorescence is present, expert advice should be sought before treatment. Damage can occur to the masonry due to salt crystalization behind water repellent treatments. Not suitable for use on surfaces of very low suction, such as dense or semi-glazed engineering bricks.

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HEALTH & SAFETY

- Safety Data Sheet is available on request. Use nose/face mask when spraying.
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The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.