



DURAPEL Si

Impregnation of Exterior Walls with Silicone/Masonry Water Repellent

Description :

Durapel Si is a clear silicone based solvent containing masonry water repellent impregnating agent, when maintenance of natural colour of the surfaces is called for.

Uses :

When mineral building materials come in contact with water, they absorb varying amounts of moisture, depending upon their porosity. This can result in damage to the building whose exterior walls like brickwork, concrete, cement rendering, natural cast stone have been left unprotected. **Durapel Si** is the ideal material.

Features :

- Ready-to-use by brush or spray directly from container.
- Equally effective on new or old surfaces.
- Inhibits dampness on walls, crack formation due to frost.
- Self-cleaning reduces unsightly staining, unaffected by salt laden atmosphere.
- Reduces risk of efflorescence, lime erosion, rust staining, dirt collection, formation of mildew, moss and lichen.
- Inhibits aggressive action of de-icing salts.
- Maintains natural colour/texture of the substrate. Allows surface to breathe.

Technical data :

Durapel Si is an organic solvent based clear silicone/resin and is used as a water repellent impregnating agent.

S. G at 25° C : 0.85 ± 0.02

Effectiveness of impregnation on building materials :

Building Material : **Impregnating Effect**

Roof Tiles : Very good

Facing Tiles/bricks : do

Mine Plaster : do

Sand Lime Brick : do

Concrete/Cement/Sand Plaster : do

Natural Stone : Good

Synthetic Stone : Unsuitable

Prevents ingress of water provided there is no hydrostatic pressure.



Durapel Si provides very high impermeability against penetration of water, salt solutions, dust or soot particles. It arrests leaching of soluble salts from brickwork, which causes efflorescence and absorption of de-icing salts by concrete, which causes degradation etc.

Durapel Si impregnation allows the building surfaces to breathe.

Coverage/Consumption	: 5 to 8 m ² dependent on (brickwork/smooth plaster) porosity of the substrate.
Shelf life	: 12 months in unopened container.
Packing	: 4 ltrs. & 25 ltrs. container.
Health & Safety	: Highly inflammable.
Flash Point	: 37° C. Store in a cool dry place. Avoid contact with skin.
Application	: Generally two coats by brush or spray. Immediately after use, reseal the container positively to prevent degradation of quality of the product.

Surface Preparation & Application :

The surfaces should be preferably be dry although slight surface moisture is not detrimental. Surface must be free from oil, grease, loose particles, decayed matter and moss or algae growth. Jobs in brickwork must be sound, if not, they should be raked and re-pointed with sand : cement mortar by using our **Dura 1** or **Duraspred M** (Details available from **Dura**). Be very careful to protect plants, window glass asphalt, bitumen and oil painted surface, as they are likely to undergo deterioration.

Cleaning : Brushes or equipment should be cleaned with kerosene and hardened material should be removed mechanically.

IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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