



DURAPEL S

Impregnation of Exterior Walls with Silicone / Acrylic Masonry Water Repellent

Description:

DURAPEL S is clear silicone / acrylic based solvent containing masonry water repellent impregnating agent, when maintenance of natural colour of the surface 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 buildings whose exterior walls like brickwork, concrete, cement rendering, natural cast stone, have been left unprotected. **DURAPEL S** is the ideal material.

Features:

- Ready to use by brush or spray directly from container.
- Equally effective on new or old surface
- 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 mild dew, moss and lichen.
- Inhibits aggressive action of de-icing salts.
- Maintains natural colour/texture of the substrate. Allow surface to breathe.

Technical Data:

DURAPEL S is an organic solvent based clear silicon/ acrylic resin and is used as a water repellent impregnating agent.

S.G. at 25°C : 0.87 ± 0.02

Effectiveness of impregnation on building materials:

Building Material	Impregnation effect
Roof tiles	Very good
Facing tiles/bricks	--do--
Mineral 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 S provides very high impermeability against water, salt solutions, and dust and soot particles. It arrest leaching of soluble salts from brick works, which cause efflorescence and absorption of deicing salts by concrete, which causes degradation etc.

DURAPEL S impregnation allows the building surfaces to “breathe”

Coverage / Consumption	:	5 to 8 m ² per Ltr. dependent on porosity of the Substrate
Shelf Life	:	12 months if kept in original packing under shed.
Health & Safety	:	Highly Inflammable
Flash Point	:	35°C, store in a cool dry place. Avoid contact With skin
Packing	:	5 Ltrs & 25 Ltrs containers.
Application	:	Generally two coats by brush or spray. after use. Reseal the container positively to prevent degradation of the product.

Method of Application:

Surface Preparation:

The surfaces should be preferably dry although slight surface moisture is not detrimental. Surfaces should be free from oil, grease, loose particles, and decayed matter, moss or algae growth. Joints in brickwork must be sound, if not, they should invariably be re-pointed with cement/ sand mortar by using our product **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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