



Technical Data Sheet

REPELICONE S

Universal water repellent

DESCRIPTION

REPELICONE S is a silicone-based water repellent, containing a red fugitive dye, suitable for exterior surfaces, with performance meeting the requirements of BS 6477:1984, Groups 1 and 2.

PROPERTIES

When applied by brush or spray, REPELICONE S penetrates deeply into the surface and once the water evaporates, the active content reacts with moisture and atmospheric carbon dioxide to form an invisible and insoluble water repellent film within 1 or 2 days. This coating is breathable, reduces chemical attack and eliminates efflorescence and remains effective for many years. Due to its excellent water repellent properties, dirt and other atmospheric impurities are washed off the treated surface by rain and the surfaces remain clean for long periods.

USES

REPELICONE S provides a durable barrier to water penetration of porous surfaces, including clay and calcium silicate brickwork, cement-based materials and all types of natural stone masonry, including limestone.

INSTRUCTIONS FOR USE

Surface Preparation

All surfaces to be treated must be sound, clean and dry. Any defects and cracks, other than hairline cracks, should be made good.

Dirty surfaces must be thoroughly cleaned and organisms such as algae or lichens removed by power washing. Under no circumstances should detergents be used as they may reduce the penetrating efficiency of the treatment. The surface should be allowed to dry prior to application of the REPELICONE S.

Do not apply over mastics or painted surfaces. Glass, paintwork, etc., should be protected against splashing during application.

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Mixing

Contents should be shaken or stirred prior to use.

Application

REPELICONE S is supplied ready for use. Apply by brush or low-pressure spray.

REPELICONE S should be applied liberally so that it runs freely down the surface to about six inches below the point of application. When applying by spray, the pressure should be kept as low as possible to avoid excessive misting and the nozzle held close to the surface.

One coat of REPELICONE S is normally sufficient, but very porous substrates may require a further coat.

REPELICONE S dries within a few hours and becomes fully resistant to water 24 hours after application.

PRECAUTIONS

REPELICONE S should be applied to the complete wall rather than to individual building units. This avoids the risk of treating a bedding face which could detrimentally effect the mortar bond and it ensures that the faces of mortar joints are treated. Any rainfall before curing

will affect the water repellent property of the coating.

STORAGE LIFE

REPELICONE S has a shelf life of 6 months in sealed containers, when stored under shade in dry conditions.

COVERAGE

1 litre of REPELICONE S will cover approximately 4 – 5 sq.m. of surface.

PACK

5 Litre, 25 Litre and 100 Litre drums.

ADDITIONAL INFORMATION

SETSEAL A can be over coated or rendered with other decorative products from Don Construction Chemicals India Ltd.

Curing

SETSEAL range of waterproofing systems are cement-based products and in common with all such materials must be cured in accordance with good concrete practice. The use of a sprayed on curing aid such as SETCRETE 8 (see appropriate data sheet) or wet hessian combined with polythene sheeting is recommended to prevent rapid drying, especially during the early stages of curing.

The system should be allowed to cure for a minimum of 5 days at 20°C before subjecting to full service.

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site conditions, etc.

In view of the continuing research and development being undertaken in our laboratories, we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on request.

Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact your local DON representative.