

APPLICATION DATA SHEET



ENVIROGRAF®

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Product Number: 143

Repellit

Application

Repellit is recommended particularly for impregnating and priming concrete and reinforced concrete used in building bridges, roads and buildings. In principle, Repellit may be used on any alkaline substrate that has been treated previously with concentrated or undiluted impregnating agents, such as alkoxy silanes.

Processing

Repellit is best applied to the concrete by the airless technique, undiluted and in the desired thickness. Brushes, lambskin rollers or spatulas may be used for smaller areas. Up to 400g/m² may be applied in one operation to vertical surfaces and roofs, without loss of material. The exact amount depends on the absorbency of the substrate. At higher application rates, the impregnating agent might liquefy at the top of the concrete and it might start to run off. A second coat of Repellit may be applied at any time, but is usually unnecessary. To ensure that the cement sets properly, it is best to wait at least two weeks, and preferably four, before impregnating it. Remove coarse particles and dust from new unsoiled surfaces with a brush or compressed air. Use superheated steam to clean weathered surfaces that are heavily soiled with oil or abraded rubber, etc., prior to treatment. Only impregnate concrete that has a uniformly dry surface with no damp patches. Should it suddenly start to rain, stop treatment and cover the impregnated areas. Repellit should not get into direct contact with bitumen. The resistance of insulant against Repellit has to be determined dependant on temperature.

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.