



NEOLITH

RS1.

HEAVILY SOILED RED SANDSTONE CLEANER.

WHAT THE PRODUCT DOES.

NEOLITH RS1 has been specially formulated for use on heavily soiled red sandstone, instead of Neolith 625ss or Neolith 625HD. This product is designed to reduce the formulation of white encrustations that can appear, unpredictably, on this type of porous red sandstone. It will remove heavy accumulations of dirt and carbons on the underside of protruding stonework, such as on balustrades, porticos, lintels etc, as well as on flat stone ashlar. Being thickened, the cleaning activity is restricted to the stone face when applied on pre-wetted masonry*.

PRODUCT DESCRIPTION

NEOLITH RS1 is a red viscous acidic liquid, which contains Hydrofluoric Acid and surface-active agents. When adequately diluted, as by the jetting off procedure the organic materials are completely biodegradable. Competent stone cleaning contractors should only use the product. It contains chemicals to prevent iron stain migration and conforms with BS 8221-1:2000 (The Code of Practice for the cleaning of Stone and Masonry)

SAFE HANDLING

At any time when this product is being transported, or being used, persons handling or carrying the product should have available a drum of clean water for use in emergencies and HYDROFLUORIC ACID ANTEDOTE GEL for immediate treatment of accidental splashes or burns. Containers must be stored in a safe place with caps secured, and a trained responsible person(s) detailed for security in depots, in transit and on site. Only competent persons should handle this product.

PRE CLEANING RECOMMENDATIONS

Large organic deposits should be removed either by a scraper or by power water jetting. The product should be applied on pre-wetted degreased surfaces*.

*Where this asterisk appears users should consult our document GENERAL TECHNIQUES AND MATERIALS FOR THE CLEANING OF MASONRY USING NEOLITH CHEMICALS for further details and information. The prior use of a degreasant (*consult the table) is often essential to

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ensure quick and even cleaning performance. Adequate protection of glass and polished granite is essential.

HOW TO USE THE PRODUCT

Establish the detailed method and contact time by a test patch*. Apply the product by means of a fibre bristle brush, working it into the masonry face and leaving a visible coating on the surface. The product may be used as supplied on granites and sandstones but should be diluted at least 50/50 with water before use on brick or terracotta. Work to distinct boundaries. Normal contact time would be extended up to 30 minutes maximum. It is preferable to repeat short contact treatments instead of using longer contact times; also degreasing treatments prior to using NEOLITH RS1 greatly improves results.

COVERAGE

Approximately 3-4m²/l.

MATERIALS TO BE AVOIDED

Glass, polished granite, glazed aluminium, zinc, bronze, brass, copper and lead*. NEOLITH RS1 is preferred for use on red sandstone. Some sandstone may become coloured due to iron migrating on to the stone face where it associates with dirt and carbon deposits. NEOLITH 625SS, whilst removing the surface dirt will also remove this old migrated iron colouration. The verification of any colouration changes should be observed during test trial work. Alternatively the NEOLITH LONG CONTACT METHOD can be used*. The product is not suitable for use on limestone, Portland stone, Bath stone, marble, slate or calcited materials.

PROTECTION OF OPERATIVES

Chemical protection suits are needed along with PVC gauntlet gloves, face shields. Head cover and also suitable footwear. A bucket of clean water for emergency use should be to hand. Nobody must be allowed to pass underneath or work under cleaning areas. Spillages must be washed down immediately. At the end of the work period, wash down all equipment eg. Scaffolding and boards. A Hydrofluoric burns kit should be at hand for the treatment of any acid burns. Only experienced operatives should handle this product. (See treatment Sheet).

FIRST AID

See the full instructions given in the M.S.D.S.

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ECOLOGY

When diluted the organic ingredients are all biodegradable. Effluent, if washed into soil will break down rapidly. If the product is inadvertently sprayed onto plants/vegetation it should be rinsed off. Rinsing with water will prevent permanent damage to plants. Plastic sheeting could be used to protect such plant life. Using the NEOLITH ENVIRONMENTAL JETTING TECHNIQUE* maximum dilution of the chemical is achieved and no damage has been found to fish when such debris enters rivers and streams but contractors are advised to consult the appropriate authorities before disposal of water waste debris.

DISPOSAL OF CONTAINERS

When empty the containers should be filled with water and then emptied and disposed in an approved manner.

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