

# **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 incrustations that can appear, unpredictably, on this type of porous red stone. It will remove heavy accumulations of dirt and carbon on the underside of protruding stone work, such as on balustrades, porticoes, lintels, gargoyles as well as on flat stone facing. Being thickened the cleaning activity is restricted to the stone face when applied on pre-wetted masonry\*.

\*Where this asterisk appears users should consult our document GENERAL THECHQUES AND MATERIALS FOR THE CLEANING OF MASONRY USING NEOLITH CHEMICALS for further details and information.

#### **PRODUCT DESCRIPTION**

NEOLITH RS1 is a red viscous aqueous material. It is corrosive and Hydrofluoric Acid. When adequately diluted the organic ingredients are completely biodegradable.

#### **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**

Degrease using appropriate product\*

#### **HOW TO USE THE PRODUCT**

The contact time and the pre use of a degreasant should be established by a test patch\*. Using a fibre bristle brush, apply NEOLITH RS1 evenly over the masonry surface, making sure that any thicker coating of the gel is brushed out. This prevents these areas

FLOWPLANT GROUP  
LEADERS IN CLEANING TECHNOLOGY  
Gemini House, Brunel Road, Churchfields Industrial Estate  
Salisbury, Wiltshire SP2 7PU



from running down the stone surface causing uneven marks on the stone. An even coating is essential and an area of between 12-14 m<sup>2</sup> should be processed at a time. Normal contact time is about 20 minutes and not greater than 30 minutes. Pressure jet off using hot water at the rate of 3 minutes/m<sup>2</sup>.

## **COVERAGE**

Approximately 3-4m<sup>2</sup>/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. 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 COSHH Data sheet.

## **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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