



**Technical Data
Sheet For:**

**INTACHEM™
RS-250**

Description:

Heavily Soiled
Red Sandstone
Cleaner

Coverage:

Circa. 3-4sq.m/litre

INTACHEM IS THE TRADE
MARK OF F&D BULK
SERVICES LTD

RC-250 has been specially formulated for use on heavy duty soiled red sandstone, instead of SC100 and SC100HD. 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.

Product Description:

RS-250 is a blue viscous aqueous material. It is corrosive and contains Hydrofluoric acid. When adequately diluted, as by the jetting off procedure the organic agents are all biodegradable. The product should only be used by competent stone cleaning contractors.

How to use the product:

Degrease using appropriate degreaser.

Establish the detailed method and contact times by means of a test patch. Apply the product by means of a fibre bristle brush working it into the masonry face, making sure that any thicker coating of the gel is brushed out. This prevents these areas from running down the stone surface causing uneven marks on the stone. An even coating is essential and an area of between 12-14sq.m. 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 min/sq.m.

General Safety Precautions:

At any time when this product is being transported, or being used, persons handling or carrying the product should have available a 25 litre drum of clean water for use in emergencies and HYDROFLUORIC ACID ANTI-DOTE GEL for immediate treatment of accidental splashes or burns. Containers should be stored in a safe place with caps secured, and a trained responsible person detailed for security in depots, in transit and on site. Spillages must be dealt with immediately. Only competent persons should handle the product.

Materials to be avoided:

Glass, polished granite, glazed aluminium, zinc, bronze, brass, copper and lead. RS250 is preferable for use with red sandstone. This product is NOT suitable for use on limestone, Portland Stone, Bath stone, marble, slate or calcited materials.

Protection of operative:

Chemical protective suits are needed along with PVC gauntlets, face shields, head cover and suitable footwear. A bucket of clean water for emergencies should be to hand. Nobody must be allowed to pass underneath or work under cleaning area. Spillages must be washed down immediately. At the end of the work period wash down all equipment (e.g. 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 HYDROFLUORIC ACID TREATMENT SHEET).

First Aid:

See HYDROFLUORIC ACID TREATMENT SHEET and Safety Data Sheet for this product.

Ecology:

When diluted the organic ingredients are bio-degradable. Effluent, if washed into soil will break down rapidly. If the product is advertently sprayed onto plants/vegetation it should be rinsed off. Rinsing with water will prevent further damage to vegetation. Plastic sheeting could be used to protect such plant life.

Using the correct jetting technique maximise dilution of the chemical is achieved and no damage has been found to fish when such debris enters rivers and streams (yet, contractors are directed to advice the authorities before disposal and immediately in the event that an accidental disposal into a water course takes place).

Disposal of containers:

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

Distributed by:



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Safety Notes:

1. Always store containers in secure conditions.
2. Keep containers closed when not in use.
3. COSHH Data: Contains Hydrofluoric Acid (less than 10%) UN1790.
Splashes to the skin may cause severe burns.
Toxic if swallowed.
4. Hazard Classification: Corrosive
5. Physical data: Blue viscous aqueous liquid
6. Solubility: Totally soluble in water
7. S G: 1.1050—1.160
8. pH Value: Less than 1
9. Flammability: Non Flammable
10. Fume Hazards: In confined spaces fumes may build up, TLV 8 hours (HF) 3ppm. No fume hazards have been encountered when using this product behind close sheeted scaffolding.
11. Other dangers: Not to be mixed with Algae Rem as dangerous fumes will be given off.
12. Handling precautions: Full body, hands, feet and face protection must be worn.
A container of clean water, for emergency use, should be on hand.
Operatives must have HYDROGEN FLOURIDE BURN ANTIDOTE GEL on hand.
13. NEVER leave container full or empty where the public may come into contact with them.
14. ALWAYS fill containers with water before disposing of them in the approved manner.

Important Notice:

The statements above are compiled from our field of production and according to the latest technological developments and application techniques received by us. Since application and working are beyond our control, no liability of the producer (or its agents) can be derived from contents of the information sheet or additional correspondence. All statements made in addition to this sheet must be confirmed in writing by the producer (or its agents). In all cases our general conditions of sale are valid. This data sheet was published 16/05/2006 and supersedes any previous edition.

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