



Unit B41, Pinelands Business Park, New Mill Road, Pinelands, 7405 Cape Town

# ASBESTOS ROOFING?

## FOR CLEANING OR REMOVAL

REMOVE THE THREAT OF DANGEROUS AIRBORNE ASBESTOS FIBRES DURING CLEANING OR REMOVAL. TREAT, SEAL AND WATERPROOF EXISTING ASBESTOS ROOF SHEETING

ENCAPSULATE WITH

# TSW

TREATS - SEALS – WATERPROOFS

**NON-TOXIC**

**LEAD FREE**

**UV RAY RESISTANT**

**FIRE RETARDANT**

**ALGAE & MOSS RESISTANT**

WHEN HIGH PRESSURE BLASTING ASBESTOS ROOFING, THE RUNOFF AND MIST PRODUCED WILL CONTAIN ASBESTOS FIBRES. WHEN THE WATER DRIES OUT YOU WILL LEAVE DANGEROUS FIBRES AND THE POSSIBILITY OF COSTLY LEGAL ACTION!

CAPE TOWN CITY COUNCIL, ESKOM, DE BEERS, TRANSNET AND MANY OTHER COMPANIES NOW USE **TSW** AS PART OF THEIR CLEANING PROCEDURE. TSW ENCAPSULATES ASBESTOS IN ALL FORMS AS WELL AS ASBESTOS ROOFING.

THIS METHOD IS APPROVED BY THE DEPARTMENT OF LABOUR  
ANDENVIRONMENTAL AFFAIRS

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# **ENCAPSULATING ASBESTOS ROOFING WITH TSW DURING CLEANING**

Cleaning of asbestos roofing by means of a high pressure pump has been outlawed in the UK, USA and Australia and many other first world countries owing to the unacceptably high volume of fibres which are released into the atmosphere. In South Africa, the Dept of Labour and Environmental Affairs are aware of the dangers encountered when cleaning asbestos roofing and are prepared to support those companies who are being proactive in looking for an environmentally approved method for the cleaning of their roofs.

## **THIS IS THE CORRECT PROCEDURE TO FOLLOW WHEN USING TSW:**

### **1) CLEAN ROOF WITH ROTOCLEAN HIGH PRESSURE MACHINE**

First clean the roof with our Rotoclean roof cleaning machine. This machine prevents overspray that would be encountered using the normal HP cleaner. Overspray will contain fibres and must be treated with TSW.

Approved filters (as per departmental specification), must be attached to all down pipes, thus ensuring the filtration of all residue. When the roof has no guttering, biddum cloth or similar must be laid on the ground surrounding the building. This will act as a filter while allowing excess water to pass through it.

The resultant waste must be double bagged and disposed of at an accredited dump site, with a receipt of dumping certificate.

### **2) TREAT ROOF WITH TSW**

TSW can be applied via an airless spray gun or a low pressure backpack sprayer. Apply TSW in a sweeping motion, back and forth until the product is no longer absorbed into the roof. This will ensure that all fibres have been bound and encapsulated.

This process will seal the roof and prevent fungus from regaining a foothold. TSW is an excellent prep for paint and will reduce the quantity required.

TSW covers between 5 - 7 profiled square metres per litre. The spread rate will be determined by the age and state of the roof.

Apply paint after 72 hours.

Once a roof has been treated with TSW, it will no longer take on moisture and is thus sealed and waterproofed.

### **3) Note**

TSW can be applied to a roof which has not been cleaned with a high pressure machine. Prior to the application of TSW in this instance, the roof must first be swept clean of any loose impediments. Make use of a soft broom and water from a hosepipe. Filters are to be attached prior to cleaning.



## **TSW = Treats, Seals, Waterproofs**

# **TSW**

### **APPLICATION RATIOS FOR ASBESTOS ROOF CLEANING AND MAINTENANCE**

1) Removal of Asbestos roof sheets.

Solution: Apply TSW in concentrate form. Spray onto sheets for lock down. When screws are being removed spray TSW into holes in order to contain any fibres that might become airborne. Spray screws with product. Coverage – approximately 12 -15 square metres per litre.

2) Cutting of Asbestos sheets and pipes.

Solution: Mix TSW 3:1 with water. Spray continuously in light mist form for the duration of the cutting process. Seal exposed edges and any holes that may have been drilled, using the product in concentrate form.

3) Removal of ceilings containing asbestos.

Solution: First spray TSW, into the ceiling area ( crawl space ) to lock down loose fibres which will be lying in the attic area. Thereafter spray TSW onto the underside and edges of the ceiling boards during removal.

4) Lockdown.

Can be applied to pipes and boilers up to 1000 degrees F (537 degrees C)  
For high temperature metals, product will foam and temporarily insulate. Allows workers to remain in high temperature areas with less risk of burns.

### **STRIPPING OF ASBESTOS INSULATION**

**Prior to establishing any enclosures, first spray TSW onto any surfaces which contain dust. This will render the area clear of airborne fibres. Enclosures can now be erected.**

**Use TSW as a wetting agent to assist with stripping of asbestos. For this process dilute the product 5 parts water to 1 part TSW.**

**Once stripping is complete, spray TSW concentrate onto all surfaces and leave. This will bind any remaining fibres.**

**Prior to removal of the enclosure, spray TSW concentrate onto all plastic and leave for 24 hours.**

**Helpline: Chris Davidson 082 464 1074**