



RENO HUYS ASBESTOS



CONTACT US:

Our experienced staff will be happy to discuss your project, answer any questions you may have, and provide you with a free quote for your project.



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Asbestos is a highly heat-resistant fibrous silicate mineral that can be woven into fabrics, and is used in brake linings and in fire-resistant and insulating materials. When materials that contain asbestos are disturbed or damaged, fibres are released into the air.

Asbestos surfaces undergo a weathering process after many years of exposure and a loose surface layer develops which, on roofs becomes colonized with dark colored lichen. Asbestos sheeting is weakened and this leads to substantial increase in roof cavity temperatures and possible release of harmful fibres. If inhaled, these fibers may increase the risk of several serious diseases, including asbestosis, mesothelioma and cancer.

LEGAL REQUIREMENTS

The removal and management of asbestos is strictly regulated by the Asbestos Abatement Regulations 2020 and closely monitored by the Department of Employment and Labour in accordance with the Occupational Health and Safety Act (Act 85 of 1993). Depending on the quantity of asbestos and its condition, home and building owners must commission the services of an approved and registered asbestos contractor to work with or to remove asbestos.

The Asbestos Regulations, OHSAct (85 of 1993) requires:

- An assessment of potential exposure must be conducted every two years.
- A written inventory of the location of asbestos in workplace, buildings, plant or premises.
- Written safe work procedures must be laid down and followed during maintenance, alterations, renovations, repairs and dismantling of asbestos containing materials.
- An Asbestos Plan of Work that has been approved by an Approved Asbestos Inspection Authority must be followed when working with asbestos.



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THE OPTIONS

1. Removal

Our team of registered asbestos professionals have the experience, training and expert skills to safely remove and reconstruct asbestos removal projects of any size. Asbestos waste is disposed of at government approved refuse sites.

- Estimated Removal cost of R 120 per m2 (terms and conditions apply)
- Estimated Re-sheeting cost of R200 – R300 per m2 (terms and conditions apply)
- Total R280 – R420 per m2 (terms and conditions apply)
- Access to the asbestos removal work area is restricted, whilst removal is taking place.

2. Treatment & Encapsulation

In some instances, removal is not necessary and encapsulation is a more appropriate solution for weathered asbestos cement. Treatment and encapsulation are approved by the Asbestos Abatement Regulator.

To prepare (remove lichen) asbestos, bioside products are applied. Reno Huys use HD 313 roof/wall cleaner and/or Organomax products. These products are eco-friendly and clear the lichen in 1 – 2 months.

Encapsulation is the treatment of asbestos with a sealant material to prevent the release of fibres. A penetrating encapsulation penetrates the material and binds the unstable elements together. Reno Huys uses the AsbestosSafe products and/or The Lab encapsulation products.

- Estimated Bioside Treatment of R40 – R55 per m2 (terms and conditions apply)
- Estimated Encapsulation cost of R40 – R55 per m2 (terms and conditions apply)
- Lasts 8 years when treatment and encapsulation is combined with a coating
- No need to vacate the premises during treatment.





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3. Fire Coating

Fire retardant coatings (or spray) are non-combustable chemicals applied in residential, commercial, and industrial buildings to provide protection to structural steel in structures by serving as an insulative layer in the event of a fire. Most insurance companies require Fire Coating as a prerequisite to insuring a building and/or its contents.

Fire coating helps with:

- Prevent structural collapse due to fire
- Slow and/or stop the spread of a fire
- Reduce a fire's intensity
- Reduce the smoke a fire produces
- Estimated Fire Coating from R150 – R250 per m2 (terms and conditions apply)



4. Insulated Coating

Thermal insulating coating is a liquid or semi-liquid that dries or cures to simultaneously form a protective finish and provide resistance to heat flow. This improves energy efficiency within the structure.

- **Estimated Insulating Coating from R150 – R250 per m2 (terms and conditions apply)**

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