

DUROMASTIC M17

Weathered Asbestos Cement Roof Sealer

Weathering of asbestos cement sheet roofing has been accelerated in recent years due to the occurrence of sulphur-dioxide pollution or "acid rain". It appears to involve an erosion of the cement binding matrix, leaving a loose mat of asbestos fibres on the surface. This then allows harmful asbestos dust to escape into the air and the widespread black lichen growth sets in. As well as being a health hazard to the environment, the blackened asbestos cement roofing is very unsightly and cooling requirements are significantly increased in large buildings during the summer months.

For these reasons and because of increasingly stringent requirements associated with the removal of asbestos, specialised coating systems have become a very economical and satisfactory alternative to the costly and dangerous removal of heavy sheeting and the necessary re-roofing process with its attendant interruption and health hazard to the normal workforce.

Because the simple method of high-pressure water-blast cleaning of such roofs is environmentally unacceptable and illegal, the coating system must be sufficient to saturate the surface, seal out moisture, kill and bind the accumulated growth of moss, fungus, lichens etc and inhibit regrowth.

PRINCIPAL FEATURES

- Quick drying – both applications can be done in one day under normal conditions
- Excellent adhesion to loose, unstable substrate
- Easy to apply by brush, roller or spray
- Low cost application
- Single component liquid – application time reduced
- Multi purpose – saturates, seals, primes and binds asbestos surfaces
- Excellent resistance to U.V., water and chemicals



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PRODUCT DESCRIPTION

DUROMASTIC M17 is a solvent based oxidising polymeric sealer specially designed for use on weathered asbestos cement sheet roof surfaces. It is a single component liquid, applied by brush, roller or spray, soaking into the surface and curing to an extremely durable, long lasting U.V. resistant film.

DUROMASTIC M17 contains a highly effective fungicide, which will inhibit further growth of moss or lichen; if applied as per Regis Coatings Ltd Quality Assurance Specification. It is a sealer/primer specifically designed for compatibility with weathered asbestos cement sheeting and concrete roof files. It provides an excellent 'key' for the top coatings, strengthens the asbestos sheeting and of course seals and binds the surface of the sheeting from further deterioration.

Its function is to completely seal the surface pores of the Asbestos Cement sheet and any loose tufts of fibre ends, locking out moisture, and preventing any further release of fibres from weathering. It also inhibits future fungus growth, slightly increases the rate of rainwater runoff, significantly decreases the roof weight during rain due to water soak in and helps to prevent damp spots on the underside of the roof.

The roof can then be coated with Duromastic AC or Duromastic Silverleaf reflective waterproof roof coatings. This application makes most commercial, industrial, rural or residential roofs more energy efficient, more durable and more attractive.

GENERAL INFORMATION

SHELF LIFE:	Indefinite in properly sealed containers stored below 25°C
DRYING TIME	Touch dry 1 hour. Recoating 2-4 hours. Progressively hardens over several days. Full cure 3 days depending on applied thickness and weather conditions. Should be left overnight for coating over with DUROMASTIC roof coatings.
COVERAGE:	Total of approximately 2m ² /litre
SERVICE LIFE:	Normally 5 years before touch-up needed when exposed directly to U.V
APPLICATION:	Two or three coatings (a shiny finish should be achieved)
WATER PERMEABILITY:	Impermeable

The information provided in this technical bulletin is as up-to-date and correct in detail as possible and is intended to give a fair description of the product and its capabilities. As the use of this material is beyond the manufacturers' control, no guarantee expressed or implied is made as to such; liability is limited to replacement if material is proved faulty.

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