

Specification Sheet



730-000 ACRISEAL

PRODUCT DESCRIPTION AND USES:-

Acriseal is a specially formulated clear finish designed to highlight the natural colours in slate and natural stone. It can be used as a water repellent for bricks, cobblestones, paving, natural stone, fibrolite and other concrete products. Acriseal is suitable for use on both interior and exterior substrates. It may be used to seal driveways and concrete areas, including cobblestone paving slab, and exposed aggregate to stop penetration of oil, grease and dirt. Acriseal gives a 'wet' darkened look for the substrate, and gives a low sheen finish.

PHYSICAL PROPERTIES:-

Colour/Texture	: Clear low sheen.
Volume Solids	: 11%.
Product Density	: .090g/litre.
Drying Time	: Touch Dry - 1 hour depending on weather conditions.
Recoat Time	: 1-2 hours depending on weather conditions.
Flashpoint	: 22°C.

SURFACE PREPARATION:-

Ensure surface is clean and free from dirt, grease, oil, dust and moisture. New slate floors should be left at least 14 days before coating. Older floors should be cleaned with 'Fina Clean' Thinners, or warm water and a household detergent, then allowed to dry thoroughly before applying Acriseal. New concrete should be left for at least 28 days before coating.

As a clear sealer for concrete, Acriseal can be used as a membrane to control evaporation of moisture, and therefore increases the strength of the surface, and eliminates dusting and penetration of dirt and stains.

*Previously sealed substrates should be checked to ensure compatibility.

APPLICATION DATA:-

Acriseal is a thermoplastic, and will soften when exposed to heat. Do not use in areas subjected to intense heat. However, for large areas the use of a roller, broom or low pressure spray is more practical.

Theoretical Spreading Rate	: Coverage will vary depending on porosity of the surface, however, the following is listed as a general guide:- : Bricks, blocks, cobblestones, coloured stone:- 1-3m ² /litre. : Concrete drives, fibrolite, exposed aggregate:- 4-6m ² /litre. : Slate:- 5-7m ² /litre.
Packaging	: 1L, 4L, 20L on request.

When applying Acriseal to natural stone or other porous substrates, up to 20% dilution is recommended. Acriseal cures by solvent evaporation, and is therefore faster drying in warm conditions.

Acriseal is susceptible to strong solvents which may re-dissolve the coating. It is therefore not recommended for use where aromatic solvents are being used, nor should it be used as a protective coating on floors, subject to petrol, oil, etc. Acriseal is extremely waterproof, and gives a low sheen finish.

Acriseal is not recommended for sealing or coating timber or wood.

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On slate or bricks the substrate should be as dry as possible to prevent moisture affecting the coating, i.e. check that grouting areas are thoroughly dry (normally at least 14 days) before coating.

On slate a single application normally lasts between nine months to one year, depending on the condition and traffic. After several years of application a build up may occur which creates a glossy and very slippery surface, especially in wet conditions or external areas. To remedy this, the surface sealer may be removed with 'Fina Clean' solvent, which re-dissolves the coating, and allows it to be removed with a rag or mop.

Thinners : Fina Clean. Thinning should only be necessary for extra penetration of the substrate as required. Equipment can be cleaned up with 'Fina Clean.

NB: No more than three coats should be applied as a high film build could cause failure.

HEALTH AND SAFETY:-

Irritant : Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, facemask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID:-

Eyes : Flush with water for at least 15 minutes and seek medical advice.
Skin : Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.
Inhalation : Remove patient from further exposure, and keep patient warm and comfortable.
Ingestion : Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL:-

Class : 3a.
Hazchem Code : 3[Y]E.
UN No : 1263.
Packing Group No : II/III.
Fire Extinguishing Media : CO₂, Foam, Dry Chemical.
Fire Fighting Procedure : Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.
: Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.
: Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION:-

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification ph. (09) 274-5606.
