

NEROLAC PERMA

CLEAR SEAL

Colourless Enamel Coating
For Waterproofing And
Protective Treatments.

DESCRIPTION

Clear Seal is a colourless coating which is quick-drying. It penetrates into the pores of the material under treatment to bind the particles together in a tough resilient, abrasive-resistant enamel. It provides a protective barrier on porous surfaces, which resists chemical attack and eliminates dusting.

COMPOSITION

Clear Seal is a one pack, colourless enamel coating which provides integral protection for building materials. Clear Seal is based on acrylic copolymer resin and is specially suitable as a base for protective enamel and waterproofing masonry vertical surfaces and used as an excellent floor sealer.

ADVANTAGES



Integral Protection: Clear Seal penetrates the capillary structure and provides a tough and clear protection. Clear Seal failure will not occur through peeling off the surface coating.



Vapour Permeable: Clear Seal allows concrete surfaces to breath although forming an enamel coating impervious to water. Clear Seal allows the escape of water-vapour which could otherwise cause blistering.



No Water: Clear Seal is water-free. This means that application can take place down to 0° C provided surfaces are frost/ice free.



Economical: Clear Seal is economical. It gives long life protection at 10% of the cost of an epoxy finish.



Ease Of Application: Can be applied by even an unskilled labour since it is just a brush application.



Lower Maintenance Cost: By hardening and protecting building surfaces with a tough enamel coating, porous structures can be given a longer life and normal maintenance costs can be greatly reduced. This applies equally to external walls and pavings.

TYPICAL APPLICATION

General: As a clear coating on concrete, brickwork, masonry and rendered walls benefit from coating with Clear Seal. Clear seal makes the treated surfaces waterproof, weatherproof, non-dusting & free from algae & fungus growth.

Asbestos Cement: It penetrates to create hard surface topping which prevents moisture penetration, binds together fibres and prevents build-up of grime deposits. Ideal base for subsequent decoration.

Friable And Chalking Surfaces: Has highly penetrative qualities and binds together friable surfaces. Provides sound base for subsequent application of decorating materials.

New Concrete: One coat forms a moisture barrier film on new concrete, which retards moisture loss ensuring maximum strength.

TECHNICAL PROPERTIES

Service Temperature Limits	: 0°C to 60°C
Flash point	: Over 25°C
Specific Gravity	: 0.9 gm/cc at 20°C
Viscosity	: 25 seconds on Ford cup No. 4 at 20°C

DIRECTION FOR USE

Surface Preparation: Ensure surfaces are clean and free from dust. Where concrete surfaces require cleaning to remove oil or grease, use a strong detergent in accordance with manufacturer's instructions.

Application Instructions: Walls and other vertical surfaces – brush on Clear Seal with a soft bristle brush in a liberal coating, ensuring penetration to the surface.

Curing: Clear Seal will normally dry to tack-free within 2-4 hours depending on ventilation and temperatures. Allow six hours before applying subsequent coats.

COVERAGE

Clear Seal will give a coverage of about 8 to 10 m² per litre per coat. Generally two coats are recommended.

WATCH POINTS

Ensure adequate ventilation during application. Do not apply to wet surfaces and in conditions of high humidity or when rain is forecasted. Protect from rain until dry.

PACKING AND STORAGE

Clear Seal is available in 1 ltr and 20 ltrs metal containers. Clear Seal can be stored between 10°C and 45°C. Preferably store at below 25°C. Keep away from sources of ignition. Keep away from foodstuffs.

SHELF LIFE

Clear Seal has a shelf life of 24 months from the date of manufacture.

HEALTH AND SAFETY

Clear Seal has a low toxicity, but avoid ingestion. Do not induce vomiting if swallowed and seek medical attention. Wear protective gloves during handling and remove splashes on skin with soap water. Wear goggles and in the event of splashes wash eyes with copious amounts of water for 10-15 minutes. Ensure adequate ventilation.

DISCLAIMER

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