BLOCKSEAL™
Polymer Modified Waterproofing Coating

Finished Coat

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BLOCKSEAL is a waterproof, cement base, heavy-duty masonry coating which stops water penetration and prevents water damage while protecting and enhancing concrete and other masonry surfaces.

RECOMMENDED FOR

▸ BLOCKSEAL provides a uniform, consistent appearance to any concrete or masonry surface.

▸ BLOCKSEAL is ideal for waterproofing block, brick, stone, concrete, and other types of masonry.

▸ BLOCKSEAL can be used inside or outside, above grade or below grade.

ADVANTAGES

▸ Waterproof coating

▸ Out-performs paint-type coatings

▸ Uniform, consistent appearance

▸ Can conceal mortar joints

▸ Can be applied to damp surfaces

▸ Durable

▸ UV resistant

▸ Can be rendered/painted over

DESCRIPTION

BLOCKSEAL provides more waterproof protection than paint-type coatings. After application, the material will dry in 3-4 hours and will set up in 24 hours to form a hard, waterproof protective coating that essentially becomes an integral part of the concrete or masonry surface.

BLOCKSEAL can be used anywhere a waterproof masonry coating is required or desired. It is especially effective on masonry walls where it is applied, either as a finish waterproofing coat or mixed with clean washed sand as a heavy coat to conceal mortar joints and to bring wall surfaces to true.

BLOCKSEAL can also be used to eliminate the very time consuming and expensive method of rubbing concrete surfaces to obtain smooth and homogeneous surfaces.

DIRECTIONS FOR USE

Surface Preparation: Clean surface area of all dirt, oil, paint, coatings, laitance, loose matter, etc. Tie rod and other holes, cracks, spalled areas and other large surface voids should be properly patched. Tie rod ends and other steel must be cut back to a minimum depth of 25mm before patching.

Mixing:

1. Use approx 5 litres of mixed water blend per 20kg of BLOCKSEAL. Mixed water blend should consist of 2 litres of ACRYLIC BONDCRETE with 3 litres of clean water. For improved performance or for difficult surfaces increase the ratio of ACRYLIC BONDCRETE to 1:1.
3. Add BLOCKSEAL to the mix water blend to produce a thin, paste-like consistency.

Standard Application Procedure:

1. Dampen surface with clean water just prior to product application.
2. Uniformly apply the first coat with a short bristle brush, making sure to fill in all surface pores and voids.
3. For maximum waterproofing performance, apply a second coat after first coat has dried for 2 hours.

Special Application Procedure:

Above Grade Walls: After cleaning and preparing surfaces, apply a parging coat to conceal mortar joints, and true the wall surfaces. For this purpose, add 9kg clean, washed sand to each 20kg pail of BLOCKSEAL. After applying parging coat, let dry 12 hours, then seal surface with BLOCKSEAL using standard application procedure.

Below Grade - Internal Application: First repair all joints, cracks and holes. Running water can be stopped by applying WATERPLUG. To relieve any excess water pressure, tap pressure relief holes at the base of wall. Leave holes open until draining is complete (about 24 hours). Then fill holes with WATERPLUG and coat immediately with BLOCKSEAL. If dampness is present, brush on 2 coats of BLOCKSEAL.

Below Grade - External: Before placement of backup units, apply one heavy coat of BLOCKSEAL. A minimum of 1.6 kg/m² will completely fill and seal mortar joints, cracks, pores, and voids on interior surface or exterior walls.

For your local distributor please contact us at **1800 PENETRON** (1800 7363 8766) or visit us at **www.penetron.com.au**

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TOTAL CONCRETE PROTECTION

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APPROXIMATE COVERAGE

An average of 12.5m² per pail will be achieved when applied at 1.6kg per square meter. BLOCKSEAL is to be applied as a minimum 2 coat application.

NOTE: apply second coat perpendicular to the first coat.

CLEAN-UP

Clean all tools and equipment with clean water.

SPECIAL CONSIDERATIONS

Do not paint part of a wall at a time. The entire wall or section must be completed using consistent quantity of mix water and acrylic bondcrete to insure uniform colour. Always use a freshly mixed batch of BLOCKSEAL (less than 3 hours old). DO NOT apply BLOCKSEAL at temperatures below 4°C or to a frozen substrate. This product is not recommended for use in expansion or construction joints. Not intended for negative side waterproofing where a head of pressure is present.

PACKAGING

Available in 20kg pails. Product is grey in colour.

STORAGE / SHELF LIFE

BLOCKSEAL must be stored in a dry enclosed area off the ground at a minimum temperature of 7°C. Shelf life when stored in proper conditions in unopened, undamaged packaging is 12 months.

SAFE HANDLING INFORMATION

This product contains Portland cement and is highly alkaline. The use of rubber gloves, goggles and other appropriate protective gear during mixing and application is recommended. Avoid contact with eyes and skin. In case of eye contact, rinse immediately with plenty of water and seek medical advice. Refer to MSDS for additional safety precautions.

WARRANTY

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BLOCKSEAL™
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1st Coat Wet

1st Coat Dry

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