

BLOCKADE

PRODUCT DESCRIPTION

NEOCHEM BLOCKADE is a permanent, penetrating concrete densifier and sealer designed to protect against moisture vapor transmission and create a hardened, sealed surface. BLOCKADE delivers unmatched performance.

NEOCHEM BLOCKADE penetrates and reacts with concrete to create long-lasting, stain-resistant protection. This reaction forms a moisture mitigation barrier that helps maintain the performance and bond integrity of subsequent surface finishes, coatings, and adhesives. This professional-grade treatment can be used soon after concrete placement or on existing slabs.

NEOCHEM BLOCKADE may also be installed beneath cementitious overlays, patches, skim coats, and self-leveling underlayments.

APPLICATIONS

NEOCHEM BLOCKADE may be applied to new and existing cementitious surfaces. NEOCHEM BLOCKADE may be used on standard or Type 1L concrete. Surfaces must be clean and structurally sound. Remove all foreign materials, such as curing agents, bond breakers, sealers, dirt, dust, oil, and grease. It is always good practice to test an inconspicuous area of each surface to ensure suitability and confirm coverage rate before applying over the entire surface.

Be sure to read all product information before applying.

EQUIPMENT

BLOCKADE application may be completed using only spray equipment or in combination with spreading tools, such as microfiber applicator pads and other appropriate tools, to ensure even and consistent distribution across surfaces at recommended coverage rates.

FEATURES & BENEFITS

- Simple application
- Penetrates and reacts quickly and permanently
- Dramatically increased stain resistance
- Increased abrasion resistance and longevity
- UV stable
- No odor
- No VOC content; LEED compliant
- Increased chemical resistance

RECOMMENDED USES

- Freshly placed concrete
- Existing concrete
- Integrally colored concrete
- Interior concrete
- Exterior concrete
- As a vapor barrier beneath hard finishes
- Shake-hardened concrete

BLOCKADE

INSTALLATION

Always apply to a test area to ensure surface suitability and desired results before full application. Allow the surface to dry and inspect it thoroughly before approval.

Freshly Placed Troweled Concrete

- Clean and prepare the surface, removing anything that will inhibit penetration, including curing products, sealers, and any ponding water, before application.
- Apply and spread BLOCKADE evenly across the entire surface at the recommended coverage rates.
- Plan a spread path so the wet edge of BLOCKADE does not dry during the spreading process.
- A 2nd application, installed wet-on-wet, is recommended approximately 5-10 minutes after the 1st application for maximum stain and moisture blocking.
- Allow BLOCKADE to dry after coverage is complete.

Existing Concrete

- BLOCKADE may be applied to existing concrete surfaces in a similar manner to new concrete. Existing concrete requires surface inspection and preparation to remove anything that will inhibit penetration, including curing products, sealers, and any ponding water, before application.
- Once existing surfaces are prepared as described above, apply BLOCKADE in the same manner used for freshly placed concrete.

APPROXIMATE COVERAGE

Coverage rate is determined by surface porosity. The following is general guidance for most situations:

Newly placed troweled concrete:

1st application: 300-500 sq. ft./gal. – 2nd application: 400 – 1,000 sq. ft./gal.

Existing concrete:

100-500 sq. ft./gal. – 2nd application: 300 – 1,000 sq. ft./gal.

CLEAN UP AND DISPOSAL

Before BLOCKADE dries, clean all tools and equipment with fresh water. Dispose of contents and containers in accordance with local, regional, national, and international regulations.

DRYING/CURING TIME

BLOCKADE is typically dry to touch in 30 minutes or less, depending on surface and environmental conditions. Higher humidity and/or lower temperatures may slow dry time. Hot and/or windy conditions may cause rapid drying. Foot traffic is acceptable after all areas are dry to the touch; however, allow up to 7 days for full cure and typical use.



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SHELF LIFE AND STORAGE

Store at temperatures between 40°F and 85°F (4°C and 30°C). Store in a well-ventilated area and keep containers tightly closed. Shelf life is one year when properly stored in a sealed, unopened container.

MAINTENANCE

To maintain the appearance, performance, and longevity of surfaces where BLOCKADE has been installed, establish a routine maintenance program. Regularly remove dust, dirt, debris, and other foreign materials from the surface using Fusion Clean and appropriate cleaning equipment. Clean spills promptly whenever possible. Do not use aggressive or acidic cleaning products. Maintain equipment in proper working order, and do not use aggressive pads or brushes that may damage the surface appearance.

PACKAGING

1 Gallon Container
5 Gallon Pail
55 Gallon Drum
275 Gallon Tote

TECHNICAL ASSISTANCE

Corporate Office

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TECHNICAL & SAFETY LITERATURE

To acquire additional information or technical and safety literature, contact our office or visit our website.

LIMITED WARRANTY

NeoChem warrants this product to be free from defects in materials that affect its performance for a period of 10 years from the date of purchase. NeoChem will replace, at no charge, the quantity of Product that NeoChem determines has failed to perform as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the Product. Proof of purchase is required. The cost of labor for application of any product is specifically excluded.

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