

# CONSTRUCOLOR® D02-AA383

## CONCRETE AND MORTAR PROTECTOR & HARDENER

*Technology Solutions for the Construction Industry*

### GENERAL INFORMATION

CONSTRUCOLOR®'s D02-AA383 Protector is a next-generation product with a proprietary nanoparticle-based formula. When applied to new or old concrete and mortar surface, or to CONSTRUCOLOR® Polishable Overlays G02-AA224 and G02-AA227, whether previously treated or not with the CONSTRUCOLOR® Densifier and Polisher D02-AA382, it increases gloss, hardness, and abrasion resistance, while also protecting the surface from stains caused by water, coffee, fruit juices (such as lemon, orange, grapefruit, pineapple, etc.), vinegar, cola drinks, fresh or used oil, and gasoline.

CONSTRUCOLOR® D02-AA383 is solvent-free and environmentally friendly, manufactured with cutting-edge technology and high-quality raw materials.

Once incorporated, D02-AA383 becomes a permanent part of the surface, chemically bonding with it. It is UV resistant and withstands weather exposure, which increases the useful life of the surface.

### APPLICATION

Depending on the desired outcome, CONSTRUCOLOR D02-AA383 Protector can be applied to concrete and mortar floors, as well as CONSTRUCOLOR® Overlays, either before or after applying the CONSTRUCOLOR® Densifier and Polisher D02-AA382 (refer to its Technical Data Sheet). For heavy vehicle or forklift traffic, it is recommended to apply it after the densifier.

As the product is supplied in concentrated form, it must be diluted 1:1 with clean water before use. Apply using a low-pressure sprayer with a fan-type nozzle, ensuring even coverage. The surface must be free of grease, dust, or any substance or coating that may prevent direct contact with the surface (except for D02-AA382, which is compatible). After application, use a microfiber pad to spread the product uniformly.

Wait until the surface is completely dry before proceeding with any subsequent steps.

### POLISHING AND BURNISHING

Use a high-speed machine (1800-2000 rpm) with a diamond fiber pad or hog's hair pad to burnish the floor.

### COVERAGE

Coverage depends on the porosity and absorption of the surface to be protected and should be verified through testing under normal application conditions.

- If applied after D02-AA382, each liter of diluted concentrate covers between: 1,830 ft<sup>2</sup> to 2,030 ft<sup>2</sup> per gallon (45 m<sup>2</sup> to 50m<sup>2</sup>)
- If applied without prior D02-AA382, each liter of diluted concentrate covers between: 815 ft<sup>2</sup> to 1,222 ft<sup>2</sup> per gallon (20 m<sup>2</sup> to 30 m<sup>2</sup>)

### PACKAGING

CONSTRUCOLOR® D02-AA383 is packaged in:

- 5-gallon buckets (18.93 liters)
- 55-gallon drums (208 liters)

Unopened containers can be stored for up to two years at temperature between 50°F to 104°F (10°C and 40°C).

### WARRANTY

CONSTRUCOLOR® guarantees consistent quality in the manufacturing of D02-AA383 Concrete and Mortar Protector & Hardener. All recommendations and information provided are based on controlled testing. However, conditions of use and interpretation of data are entirely the responsibility of the user.

Users must test the product beforehand to determine its suitability for their needs. CONSTRUCOLOR® makes no express or implied warranty on the results obtained. This product is for professional use only. Refer to the Safety Data Sheet for health and safety guidance before use.

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