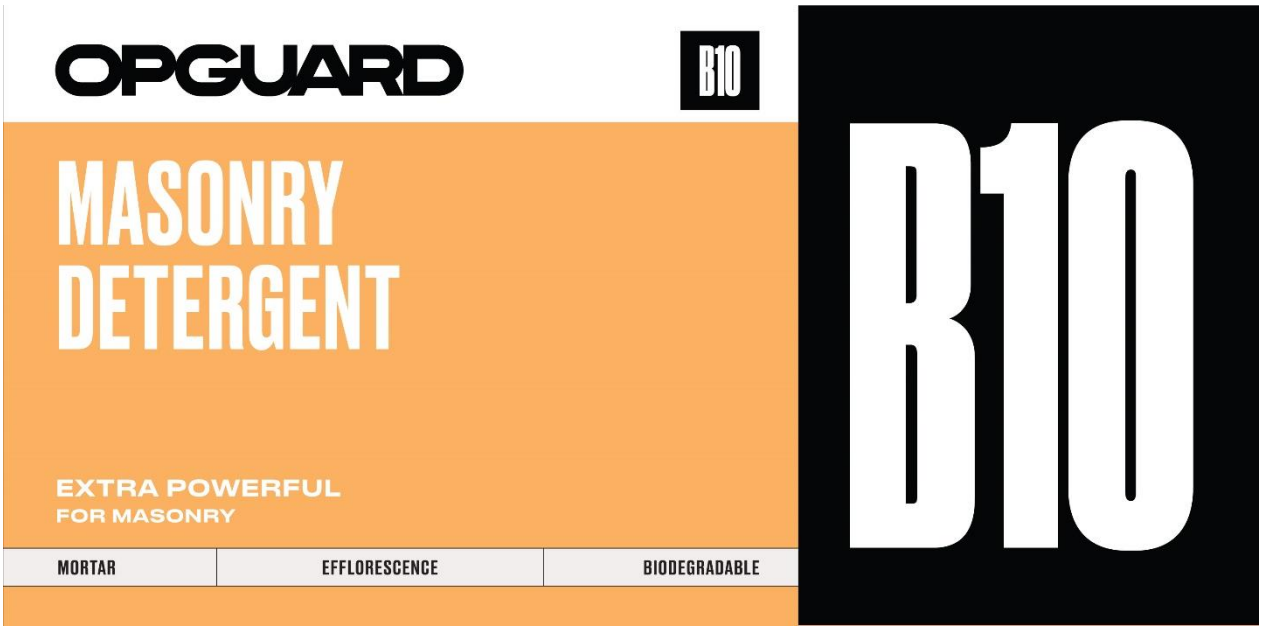
TECHNICAL DATA SHEET B10



Description:

B10 Masonry Detergent is a blend of organic salts, surfactant, corrosion inhibitors and organic acid. Its composition makes it safer and even more ecological. It can be used to remove mortar residues and treat efflorescence. It has been specifically designed to clean clay brick, concrete brick, conventional or colored masonry joints and pavers. It can also be used to prepare concrete, natural stone and tile surfaces.
Cleaning with b10 Masonry Detergent reduces the risk of injury from exposure to strong acid-based detergents (hydrochloric, phosphoric, etc.), as well as damage to materials in the vicinity of the masonry product (anodized aluminum, galvanized steel, glass, plaster, etc.). What's more, thanks to its formulation, b10 Masonry Detergent is ideal for cleaning colored concrete bricks (black, white, antracite, etc.) as well as uncolored and colored joints (black, white, red, etc.). What's more, this formulation also removes polymeric sand residues from the surface of pavers to give them the desired shine. When used as recommended, B10 detergent helps melt efflorescence salts on the surface while treating the problem in depth.

Technical data :

Physical state: liquid
Color: clear beige
Odour: low density (kg/l): 1.15 - 1.17 ph: <1
Cov: not applicable
Melting point (0°c) : <0
Boiling point (0°c) : ≈ 100
Solubility in water : complete

Available formats :

Gallon : 3.78L
5 Gallons : 18.9L
55 Gallons : 207L

Restriction :

Before any large-scale handling, a test should be carried out on a small part of the substrate. B10 New Masonry Cleaner is not designed to clean limestone or other alkaline stone. Do not allow the product to dry on the wall. Work in the shade if possible. Do not work in direct sunlight. May damage galvanized steel and other metals or alkaline coatings. May remove engobe from some clay bricks. Do not use to clean stone with a polished finish. Cleaning with too high a concentration and too many successive cleanings can damage the finish of the masonry substrate. Start work or cleaning tests at least 7 days after masonry installation. Do not clean masonry at temperatures below 5°c, including that of the substrate, or when a period of frost is forecast within 24hrs of cleaning.

Échantillonnage :

Avant de débuter le nettoyage sur l'ensemble du projet, exécuter un échantillon de nettoyage sur une petite partie ou bien sur une partie peu visible du support à traiter. Un échantillon de 1 mètre carré est conseillé. À la suite du test de nettoyage, laisser le support sécher sur une période de 3 à 7 jours selon la météo et température extérieur. Vous pouvez par la suite évaluer le résultat du test de nettoyage. Soyez sûr d'obtenir l'approbation de la personne en charge du chantier avant d'exécuter le nettoyage.

Dilutions :

First, make sure you dilute in a contaminant-free plastic container. The water used in the dilution process must also be free of contaminants. Wear personal protective equipment as described on the MSDS when handling. Before diluting the product, be sure to determine the nature of the surface to be cleaned. Depending on sampling, readjustment of dilution may be necessary. If several substrate types are available on the same substrate, please refer to the lowest concentration.

Uncolored clay brick without slip: 1 part B10 detergent to 4 to 6 parts water.
Clay brick colored in the mass or with engobe: 1 part B10 detergent to 6 to 8 parts water
Grey concrete brick without coloring: 1 part B10 detergent to 6 to 8 parts water
Natural stone (limestone, terra cotta, sandstone) : 1 part B10 detergent to 6 to 8 parts water
Natural-colored mortar grout: 1 part B10 detergent to 4 to 6 parts water
Colored mortar grout (black, red, white and any other color): 1 part B10 detergent to 6 to 8 parts water

Preparatory work :

When working on a building, it is strongly recommended that cleaning be carried out when all openings have been sealed or properly plugged. Take care to ensure that openings such as doors and windows are closed. Finally, check that there is no possibility of water infiltration through any gaps. For a building under construction, make sure that all other materials, such as glue, caulking, etc., have undergone the curing time recommended by the manufacturer. have undergone the curing time recommended by the manufacturer. Make sure that cleaning will be carried out at a safe distance from electrified systems, such as electrical inlets, power lines, electrical outlets, etc. If a safe distance can't be maintained, refer to an electrician to secure the area. Protect building elements that may be affected by the solution: doors, door handles, window frames, painted surfaces, etc. Check that exterior elements will not be affected by product drizzle; trees, lawns, plants, cars, etc.

Application :

1. Saturate masonry substrate with water.

2. Using a brush or low-pressure sprayer, apply the diluted B10 detergent solution according to recommendations, tests and results obtained. Make sure application covers the entire area to be cleaned uniformly.

3. Reaction time on the substrate may vary from 3 to 5 minutes. Be sure to keep the substrate moist. Do not let the solution dry on the wall. Allowing the detergent to dry on the wall may result in staining.

4. During the soaking time, to remove heavier residues, you can rub them off with a wooden spatula, a rubbing stone, or simply with a brick residue of the same type as that used to clean the wall. celle sur le chantier. Essayer le plus possible d'enlever tous les résidus en une seul application dans le but d'éviter la surcharge de produit sur le mur et de détériorer le fini de la brique, du bloc ou bien du joint de maçonnerie.

5. Use clean, contaminant-free water to remove and rinse the solution and mortar residues from the masonry surface. You can use a garden hose or a pressure washer fitted with a 40° nozzle at a minimum distance of 20 cm. Only use

the pressure washer to rinse the masonry. Excessive pressure applied to the brick may result in marks and scratches, damaging the masonry surface.
Never forget to rinse the entire wall thoroughly, so as not to allow the solution to penetrate the substrate. This could result in the appearance of streaks or discoloration.

Efflorescence :

First, find the source (reason) for the efflorescence. In general, efflorescence is created by contamination from a constant source of water or moisture infiltration in the same place over a longer or shorter period of time. Repair this source before neutralizing the efflorescence with brisolve detergent.

Depending on the type of substrate, it's important to distinguish between efflorescence and limescale deposits. On clay bricks and certain types of stone, we speak of efflorescence, whereas on concrete bricks and other types of stone, we speak of calcareous deposits. Calcareous deposits are generally more difficult to remove.

1. Remove as much efflorescence or limescale as possible, using a synthetic or natural bristle brush or a wooden spatula.

2. Use pre-diluted B10 detergent solution as recommended for your type of masonry, and apply the solution dry to the efflorescence.

3. Allow to work for 3 to 5 minutes.

4. Rinse surface thoroughly with plenty of water to remove any detergent residue.

5. Allow the surface to dry to judge the result.

6. If efflorescence remains, you can repeat the cleaning steps. Bear in mind that several applications of detergent can damage the masonry substrate over time.
Then, if necessary, waterproof the surface with one of our available products.

Consumption:

Clay brick or block: 50 to 80 p2 per liter
Pressed concrete brick or paving stone: 60 to 90 p2 per liter
Cast concrete brick or stone: 60-90 p2 per liter
Non-alkaline natural stone: 50 to 80 p2 per liter
Alkaline natural stone: 60 to 90 p2 per liter

These values are for guidance only and may vary according to the material, porosity and age of the substrate.

Storage :

Protect from freezing.
In temperatures ranging from 50c to 300c, and in the sealed delivery container, C10 surface improver can be stored for 1 year.

Health and safety :

Caution! Causes skin irritation. Causes severe eye irritation. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easily removable. Continue rinsing. Specific treatment (see additional first-aid instructions on this label). If skin irritation occurs: Consult a physician. If eye irritation persists: Consult a physician. Remove contaminated clothing and wash before reuse.
Continue rinsing. Move away from danger zone. Seek medical advice. Show this safety data sheet to the attending physician. Wash contaminated clothing before reuse.
Keep under lock and key. Dispose of contents/container through an approved waste disposal company in accordance with regional regulations.

Technical support :

For further information, please consult our customer service department.
www.opguard.com

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