

PRODUCT DATA

tensid[®] uk ltd

Vanatrol

Brick cleaner for manganese & vanadium stain

Description and use

PROSOCO Vanatrol is a concentrated acidic cleaner for new masonry surfaces that are subject to vanadium, manganese and other metallic stains. Use on grey, brown, white and most light coloured brick, natural and cast stone.

Advantages

- Clings to masonry surface and softens excess mortar and job dirt
- Slow drying so it rinses clean without streaking
- Controls green vanadium and brown manganese staining on colour sensitive brick and tile
- Safe for use on most unpolished natural stone or cast stone surfaces

Limitations

- Repeated applications may leave a detergent residue. To reduce potential for detergent residue always prewet, rinse thoroughly, do not exceed two applications
- Not effective for removing atmospheric dirt and black carbon stains. Use the appropriate restoration cleaner to remove atmospheric staining from older masonry.

Recommended as follows. Always test.

Substrate	Type		m ² per litre
Architectural Concrete Block	Smooth	Yes	10 – 15
	Split faced	Yes	
	Burnished	Yes	
	Ribbed	Yes	
Marble Travertine Limestone	Polished	No	N/A
	Unpolished	Yes	10 – 20
Granite	Polished	No	N/A
	Unpolished	Yes	24 – 36
Sandstone	Unpolished	Yes	10 – 20
Slate	Unpolished	Yes	24 – 36
Fired Clay	Brick	Yes	10 – 20
	Tile	Yes	
	Terracotta	Yes	
	Pavers	Yes	
Concrete	Block	Yes	8 - 15
	Brick	Yes	
	Tile	Yes	
	Precast Panels	Yes	
	Pavers	Yes	
	Cast in place	Yes	

Repeated application may damage some surfaces.

TECHNICAL DATA

Appearance: amber coloured clear liquid

pH Value: < 1

Boiling Point: N/A

Pretesting

Always test before overall application to ensure suitability and desired results. Test each type of masonry and stain. Apply test area according to the following application procedures. Allow area to dry for 3 to 7 days before inspection and approval. Make the test panel available for comparison throughout the cleaning project.

Dilutions

Always pour cold water into empty bucket first then carefully add Vanatrol. Never use hot water. Handle in polyethylene or rubber buckets only. Acidic materials and fumes will attack metal.

The following are recommended dilutions. Adjust dilution rate based on tests.

- Face brick, natural or man made limestone, structural tile (unglazed), precast, exposed aggregate – 6 parts water to 1 part concentrate.
- Sandstone, very porous stone – 8 parts water to 1 part concentrate.
- Structural tile (glazed), ceramic tile (glazed), ceramic brick – 10 parts water to 1 part concentrate.

Application Instructions - Exterior

1. Thoroughly saturate a large portion of the masonry surface.
2. Using a dense, soft fibre, masonry brush or low compression sprayer, apply diluted solution freely.
3. Allow cleaning solutions to remain on the surface for approximately 5 minutes, depending upon absorption rate of masonry and drying conditions. Do not allow cleaner to dry into the masonry because this may leave a residue and cause staining.
4. Reapply cleaning solutions and scrape off heavy buildup of excess mortar using a wooden scraper or piece of brick. Take care to avoid damaging the masonry surface. Do not use metal scrapers, which may contribute to metallic staining.

NOTE: avoid more than one reapplication over the same area. Repeated applications may cause a white detergent to be deposited on the masonry surface. If mortar deposits are not softened after initial application, allow the solutions to remain on the wall for a longer period of time, making sure the cleaner does not dry into the masonry.

5. Rinse thoroughly with fresh water, removing all cleaning compound, free sand, loose material and debris. Thorough rinsing is extremely important to ensure that all residues are removed from the porous masonry. NOTE: To avoid streaking, keep adjacent and lower wall surfaces wet and rinsed free of cleaning residues.

On new construction, masonry cleaning should be done before installation of flooring, metal fixtures and all other non masonry materials. If such materials are already in place, protect with polyethylene and maintain sufficient ventilation to avoid buildup of potentially damaging fumes.

Application Information - Interior

Following the cleaning procedure outlined for exterior surfaces. Rinse thoroughly with fresh water using sponge or soft fibred brush. If conditions do not allow sufficient water for complete rinsing, use a neutralising rinse, following this procedure:

1. Rinse first with fresh, clean water.
2. Apply neutralising rinse of 57 grams of baking soda to 3.8 litres of water. Saturate thoroughly and allow neutralising solutions to dwell on the surface for 3 to 5 minutes.
3. Apply a final rinse of fresh, clean water.

Coverage Rates

Coverage rates will vary according to surface porosity, texture, dilution rate and severity of staining

Packing

1 x 25 or 1 x 15 litre plastic container.

Safety Information

Causes burns. Wear suitable PPE - plastic, rubber or PVC protective suit, goggles, boots and gloves to avoid splash to bare skin or eyes. Always refer to material safety data sheet before use.

Technical Data

Contains hydrochloric and glycolic acids.

Shelf Life

Vanatrol may be stored for up to 3 years in a tightly sealed, unopened container

This Product Data is compiled to be of assistance but is without guarantee. Users are responsible for safe working practices. Always refer to Material Safety Data Sheets (MSDS) for full information before using this product.

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