

PRODUCT DATA

tensid[®] uk ltd

Ferrous Stain Remover

Metallic Stain Remover for Masonry

Description and use

Ferrous Stain Remover is a specialty masonry cleaning product which effectively removes iron, manganese, vanadium, straw stains, acid burns and other metallic discolourations from brick, stone, masonry and concrete surfaces.

Many staining conditions are created by excessive moisture in the walls. To avoid this, protect open wall cavities from rainwater during construction and correct any structural problems that allow water to enter the walls.

New masonry cleans most effectively if done within 14 to 28 days after installation. Allowing excess mortar and grout to remain for a longer time results in more difficult cleandown and may cause more severe metallic staining.

Recommended as follows. Always test.

| Substrate | Type | | m ² per litre |
|------------------------------|----------------|-----|--------------------------|
| Architectural Concrete Block | Smooth | Yes | 1.5 – 4 |
| | Split Faced | Yes | |
| | Burnished | Yes | |
| | Ribbed | Yes | |
| Marble Travertine Limestone | Polished | No | N/A |
| | Unpolished | No | N/A |
| Granite | Polished | Yes | N/A |
| | Unpolished | Yes | 2 – 4 |
| Sandstone | Unpolished | Yes | 1.5 – 4 |
| Slate | Unpolished | Yes | 1.5 – 4 |
| Fired Clay | Brick | Yes | 2 – 4 |
| | Tile | Yes | |
| | Terracotta | Yes | |
| | Pavers | Yes | |
| Concrete | Block | Yes | 2 - 4 |
| | Brick | Yes | |
| | Tile | Yes | |
| | Precast Panels | Yes | |
| | Pavers | Yes | |
| | Cast in place | Yes | |

*May have limited effectiveness on highly porous surfaces
May alter the colour of masonry, always test to ensure desired results*

TECHNICAL DATA

Appearance: Colourless liquid

pH Value: < 2

Boiling Point: N/A

Advantages

- Removes tough metallic stains quickly and easily.
- Water rinsable

Limitations

- Contains ingredients which may bleach coloured mortar, coloured concrete and some brick units. Always test dilution rates.
- Acidic contents and fumes may damage non masonry and acid sensitive surfaces.
- Not recommended for interior use.

Preparation

Protect surrounding surfaces and beware of wind drift. Before removing metallic oxidation stains, the masonry should be allowed to dry thoroughly to reduce any recurrence of stains after cleaning. To avoid harm to masonry, do not clean when temperature is below freezing or will be overnight. If freezing conditions exist prior to application, allow adequate time for masonry to thaw.

Pretesting

Always test each type of surface and stain before overall application to ensure suitability, dilutions rates and desired results. Apply according to the following procedure. Allow the surface to dry thoroughly before inspection.

Equipment

Ferrous Stain Remover can be applied with a densely packed, soft fibred masonry brush or with a low compression sprayer.

Dilutions

Ferrous Stain Remover can be diluted with 1 part concentrate to 1 part water or applied in concentrate form depending on the initial testing results. When diluting, always pour water into bucket first, then carefully add the product. Acidic material and fumes will attack metal. Use polyethylene or rubber buckets only.

Application Instructions

1. Always prewet the masonry surface.
2. Apply prepared Ferrous Stain Remover directly to the masonry surface.
3. Allow the cleaner to remain on the surface for 3 to 5 minutes. Do not allow to dry into the masonry between applications or prior to final rinse.

NOTE: If treated surfaces are left unattended, prevent pedestrians from contact with cleaner.

4. Reapply cleaner and rinse with fresh water. Though rinsing is important to ensure that all residues are removed from the surface.

NOTE: If pressure rinsing equipment is not available, rinse thoroughly with clean water, brushing the wall while rinsing.

Coverage Rates

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

Packing

1 x 15 litre plastic container.

Safety Information

Causes burns. Wear suitable PPE – goggles, face masks, gloves and protective clothing to avoid splash to bare skin or eyes.

Always refer to material safety data sheet before use.

Shelf Life

Ferrous Stain Remover may be stored for up to 3 years in a tightly sealed, unopened

This Product Data is compiled to be of assistance but is without gurantee. 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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