

## Pieri® VBA 2002

# Solvent-free surface retarder for architectonic concrete paving

### Description

For exposed aggregate surfaces (etched concrete). Sprayed on the concrete prior to setting, then gives protection against adverse weather conditions during setting.

### Applications

- Standard etched concretes with white or grey cement.
- Architectonic concretes containing Pieri® Chromfibre 1B.

### Directions for use

The product must be shaken before each use. It is applied using a pressure spray in a regular, uniform coating at the rate of approx. 4m<sup>2</sup>/litre onto freshly floated or smoothed concrete surfaces.

The concrete should always be washed the following day, using a cold water pressure washer (pressure 100-200 kg/cm<sup>2</sup>).

- Concrete on pavers, edging stones, kerbstones, etc. should be covered with the product so as to ensure easy removal with the pressure washer during washing.
- Once dry, i.e. approx. 1 to 2 hours after application, Pieri® VBA 2002 gives excellent protection against rain. During periods of prolonged rainfall, it is preferable to use our solvent based retarder Pieri® VBA Classic.

Pieri® VBA 2002 is recommended for use in very windy or hot and dry weather conditions due to its strengthened curing capability. This product is also highly suited for concrete made with rapid setting cement. When the surface of the concrete is washed, ensure that the solid residues (cement, sand) do not enter drains, we suggest:

- Channel the water to a temporary soak-away where the sediment can be removed by shovel.
- Make a gravel wall at the side of the concrete to filter the water before it gets to the drains.

In all cases the solid residues can be re-used in the base of the next bay before concreting.

If a plastic slip membrane is not used, we would recommend that the sub-base is pre-wetted before concrete is placed to avoid cracking.

Use water to clean the equipment. Pieri® VBA 2002 may be kept for long periods in a suitable spray appliance without risk of damage and without blocking the nozzle.

### Storage

18 months in original unopened packaging.

The product is subject to, (but not altered by) freezing. Avoid storing in temperatures below 0°C, (packaging may be damaged).

### Packaging

22 litre drums.

### Safety

Not regulated. For further information, please consult our Safety Data Sheet.

### Technical Specifications

- 4 colour-coded strengths:
  - Green: micro-etched
  - Blue: worn concrete aspect (0-15 mm aggregate)
  - Yellow: light etched aspect (0-15 or 8/12 mm aggregate)
  - Grey: medium etched aspect (12/20 mm aggregate)
  - Coverage: approx. 4m<sup>2</sup>/litre

Pieri® VBA 2002 must be sprayed to cover the concrete with a uniform coating, over application will not have any adverse effect.

- 100% solvent-free product (aqueous based)
- Non-flammable
- Mildly foaming liquid
- Viscosity: < 7 cSt ISO cup 2431 N°3 - 20°C
- pH in the state: 3 ± 1
- Density: 1.10 ± 0.02
- Recommended Pieri® nozzles: 8004 nozzle or X18 nozzle



## Transport

Not regulated.

## Environment

Does not contain toxic or polluting products, may be evacuated in diluted form through drains leading to sewage works.

[www.graceconstruction.com](http://www.graceconstruction.com)

Grace Construction Products Limited 830 - 832 Fountains Court, Birchwood Boulevard, Birchwood, Warrington WA3 7QZ Tel: 01925 855330

Pieri is a registered trademark of W. R. Grace & Co.-Conn.

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for the users' consideration, investigation and verification, but we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would infringe any patent or copyright. Grace Construction Products Limited, 830 - 832 Fountains Court, Birchwood Boulevard, Birchwood, Warrington WA3 7QZ, Cheshire, England.

This product may be covered by patents or patents pending.

Copyright 2008. Grace Construction Products Limited PIERI050 Printed in UK 06/08 FA/UKP

GRACE