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## Remmers 0000065405

# Remmers KSE 300 HV Instruction Manual

Model: 0000065405

## INTRODUCTION

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The Remmers KSE 300 HV is a high-quality mineral substrate consolidant designed for strengthening and preserving porous mineral building materials. This product penetrates deeply into the substrate, reacting to form a silicate gel that reinforces the material structure without significantly altering its appearance or breathability. It is suitable for use on natural stone, brick, and other mineral surfaces requiring consolidation.

## SETUP AND PREPARATION

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### Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and protective clothing, during handling and application.
- Ensure adequate ventilation in the work area.
- Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice.
- Keep out of reach of children and pets.
- Refer to the product's safety data sheet (SDS) for detailed safety information.

### Surface Preparation

1. The substrate must be clean, dry, and free from dust, loose particles, efflorescence, and other contaminants.
2. Remove any existing coatings, paints, or sealants that could hinder penetration.
3. Repair any major cracks or structural damage to the substrate prior to application.
4. Protect adjacent surfaces, such as glass, metal, and non-mineral materials, from accidental contact with the product.

## OPERATING INSTRUCTIONS (APPLICATION)

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### Application Method

Remmers KSE 300 HV is typically applied by flooding, brushing, or spraying. The goal is to achieve deep and uniform penetration into the substrate.

- **Flooding:** For highly porous or severely damaged substrates, apply the product generously until the surface is saturated.
- **Brushing:** Use a soft brush to apply the product evenly, ensuring full coverage and penetration.
- **Spraying:** A low-pressure spray system can be used for larger areas, ensuring a fine, even mist that allows for good absorption.

## Application Rate and Coats

The application rate depends on the porosity and absorbency of the substrate. A test application on a small, inconspicuous area is recommended to determine the optimal amount and number of coats.

- Apply the product wet-on-wet until the substrate is saturated. Avoid allowing the surface to dry between applications if multiple coats are needed for saturation.
- Excess product that remains on the surface after saturation should be removed with a clean cloth to prevent residue formation.

## Drying and Curing

The consolidation process occurs over several days to weeks, depending on temperature, humidity, and substrate characteristics. Protect the treated surface from rain and heavy moisture during the initial curing period.

## MAINTENANCE

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### Tool Cleaning

Clean all tools and equipment immediately after use with a suitable solvent (e.g., white spirit or a specialized cleaner recommended by Remmers). Once cured, the product is difficult to remove.

### Product Storage

Store Remmers KSE 300 HV in its original, tightly sealed container in a cool, dry, and frost-free environment. Protect from direct sunlight. The shelf life is typically indicated on the product packaging.

## TROUBLESHOOTING

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- **Uneven Penetration:** This can occur if the substrate is not uniformly porous or if application was inconsistent. Ensure thorough surface preparation and even application. A second application may be necessary for areas with poor penetration.
- **Surface Residue/White Stains:** This typically happens if too much product was applied or not properly removed from the surface after saturation. Remove excess product immediately after application. Minor residues may sometimes be removed mechanically or with specific cleaning agents, but prevention is key.
- **No Apparent Consolidation:** Verify that the substrate is indeed mineral and porous enough for the product to penetrate. Ensure proper application technique and allow sufficient curing time. Some consolidation effects may not be immediately visible.

If issues persist, consult with a Remmers technical representative or a qualified professional.

## SPECIFICATIONS

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- **Manufacturer:** Remmers
- **Model Number:** 0000065405

- **Product Name:** KSE 300 HV
- **Volume:** 5 Litres
- **ASIN:** B003ZT660G
- **Application:** Mineral substrate consolidant
- **Availability of Spare Parts:** Information unavailable

## WARRANTY AND SUPPORT

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Specific warranty information for Remmers KSE 300 HV is not provided in this document. For detailed warranty terms, technical support, or further inquiries, please contact Remmers directly or refer to their official website.

Always retain your proof of purchase.

**Remmers Contact Information:** Please visit the official Remmers website ([www.remmers.com](http://www.remmers.com)) for contact details and regional support.