

Alka 305

one-component concrete primer



| Introduction

Alka 305 is a medium viscosity, solvent based, single component polyurethane primer for bonding waterproofing membrane to concrete. It also acts as concrete sealer.

Appearance	Clear Amber Colour
Brookfield Viscosity at 25°C (cps)	80 – 160
Specific Gravity	0.98 – 1.02
% Solids	48 – 52
Tack free time at 25°C (hours)	1.5 – 2.5
Dry time at 25°C (hours)	2.5 – 3.5
Application window (hours)	4 – 48

| Benefits.

- Fast drying
- Strong key to the substrate
- Low viscosity
- Deep penetration into the substrate providing exceptional adhesion
- Single component – (no mixing required)

Surface Preparation

For concrete use a wet or dry abrasive for blasting to remove surface defect – some repair of the concrete may be required and patch of joints and cracks with a suitable filling compound.

Apply as one coat from the container with brush or roller. The level of primer should be an even surface for the optimal adhesion to the substrate and this included not allowing the primer to pool on application.

Coverage rate depends on concrete porosity but typically about 7m²/L.

Temperature during application should be between 5oC to 35oC. Do not apply product if temperature not in this range. Do not apply if relative humidity (RH) is above 85%.

Handling Precautions

The components are sensitive to humidity and should at all times be stored in sealed drums and resealed with nitrogen after opening. The recommended storage temperatures are 15-25°C and keep away from all sources of heat and ignition sources as the primer is flammable.

If the drum is left open to the atmosphere the material may go cloudy, discolour and skin – resultant in moisture or contamination. When opening these drums extreme care must be exercised in releasing the internal pressure. Before handling these chemicals please consult the Material Safety Data Sheet.

Contact with the skin or eyes must be avoided and avoid breathing in vapour or spray. Adequate ventilation is required (see the MSDS) with approved engineering controls and personal protective equipment. Safety goggles, protective gloves and approved respirators should be worn whenever handling chemicals. In case of skin contact, immediately remove excess, wash with soap and water. For eye contact, immediately flush with water for at least 15 minutes. If nose, throat or lungs become irritated from inhaling vapours, remove exposed person to fresh air. Call a physician.

Clean-up

Reusable tools should be cleaned carefully with Xylene or MEK before curing.

Shelf life

Shelf life of sealed Alka 310 in its original container is 9 months. Once opened, use entire contents immediately.

Always store closed containers in cool, ventilated, and dry location, away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 5°C or above 35°C.

Safety

Please refer to the Material Safety Data Sheet (MSDS) for personal protection, proper handling and storage.

| Important Notes

- Do not add any water.
- Do not use any alcohol, such as methylated spirit, as dilutant.
- Do not apply Alka 305 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 305 in a confined space.
- Freshly applied Alka 305 should be protected from damp, condensation and water for at least 24 hours.
- If in doubt about the use or application of this product, or further information please contact our Alka Technical Department.
- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
- Avoid contact with foodstuffs and utensils.

| Notice to Reader

Alka Coating make no representation as to the completeness and accuracy of the information contained on this Technical Data Sheet. It is the user's obligation to evaluate and use this data, and to comply with all relevant Commonwealth, State and Local Government laws and regulations.

Alka Coatings shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

A full Material Safety Data Sheet is available from Alka on request.

All products are subject to Alka terms and conditions. Read the full version on our website prior to any purchase.

| Contact us

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