

Alka Pro-Seal

2-part clear & transparent polyaspartic resin



| Introduction

Alka Pro-Seal is a two component, clear, ultra-high solid Polyaspartic topcoat designed for use over concrete floor coatings. Alka Pro-Seal is low VOC topcoats with low viscosity allowing film thickness to build in excess of standard systems with water clarity and mirror-like smoothness and gloss.

| Where it could be used

Alka Pro-Seal can be used as a top-coat for interior and exterior decorative finishes such as flake floorings and epoxy partial flakes systems. Also, as a clear topcoat for all epoxy self-levelling and epoxy coating systems. As a clear self-levelling resinous flooring it can be used on exposed aggregates and polished concretes.

| Benefits

- Exceptionally tough and durable
- Maintaining its gloss far beyond that of comparable systems
- Extremely bright, clear and transparent
- Excellent penetration and adhesion
- Low viscosity
- Excellent bond strength
- Easy application/Can be applied by brush, roller and squeegee
- Protects new concrete from abuse
- Rejuvenates worn surfaces, to a smooth finish
- Designed to take heavy loads
- Available in bulk quantities
- Good mechanical resistance
- Good chemical resistance
- Short waiting times before subsequent coatings

| How to Apply

Alka Pro-Seal Before the application, make sure that the substrate is free from dust, surface water and surface contaminants such as oil, grease, fats, chemicals, rust, paints curing membranes, etc. All loose materials and surface laitance must be removed. For larger areas shot blasting, high-pressure water blasting or scabbling is recommended. On small areas needle gunning or bush hammering can be effective. Please bear in mind that the tensile strength of the substrate must be a minimum of

1.5MPa. Pre-wetting the substrate is not necessary except on very absorbent substrates and/or when exposure to intense sunlight is probable. There should be no visible or standing water.

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Shake component A shortly and pour Component B into Component A. Mix with an electric stirrer for at least 3 minutes.

Alka Pro-Seal is a versatile product and can be applied by brush, roller, squeegee or spray.

Please bear in mind that Alka Pro-Seal and all polyurethanes and polyaspartic products has their own special solvent and normal Xylene **must not be used** as a thinner.

After application and for the cleaning process, Xylene can be used for cleaning tools and equipment before the mixed compound begins to harden. Once cured, it must be removed mechanically.

| Important Notes

- Do not add any water.
- Do not apply Alka Pro-Seal on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka Pro-Seal in a confined space.
- Freshly applied Alka Pro-Seal 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.

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

Technical and Physical Data

Form	Component A Component B	clear, transparent, liquid transparent liquid
	Transparent when applied	
Density (at 20°C)	Comp A + B: 1.0 ± 0.1 kg/litre	
Mix Ratio	Comp A : B = 1 : 1 (by volume)	

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Pot Life (at 20°C)

Approximately **25 minutes**

Application Temperature (ambient & substrate)

Minimum substrate temperature: +8°C
Maximum substrate temperature: +30°C
Maximum relative humidity: ~ 80%

Cure times

Touch Dry: 3-6 hours @ 25°C approx.
Re-coat able: 6-8 hours @ 25°C approx.
Light traffic: 3 days @ 25°C approx.
Full cure: 7 days @ 25°C approx

Substrate Moisture Content

Maximum of 12% by weight

Storage

Minimum of 12 months in unopened containers when stored free from frost in dry conditions between 5°C and 30°C. Component B is classed as non-hazardous for transportation

Packaging

Pre-proportioned units (A+B) in 10L kit

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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