

Alka 200

2-part clear & transparent polyaspartic resin



| Introduction

Alka 200 is a two component, clear, ultra-high solid Polyaspartic topcoat designed for use over concrete floor coatings. Alka 200 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

It can also be used as a topcoat 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.

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| How to Apply

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.

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

Alka 200 is a versatile product and can be applied by brush, roller, squeegee or spray.

Please bear in mind that Alka 200 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 200 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 200 in a confined space.
- Freshly applied Alka 200 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.

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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 25°C)	Comp A + B: 1.0 ± 0.1 kg/litre	
Solid Content	%90 ±3.0	
Mix Ratio	Comp A : B = 2 : 1 (by weight or volume)	
Pot Life (at 25°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 MoistureContent	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 12 kg and 60 Kg	

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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