

# Alka 204

2-part solvent-based clear polyaspartic coating



## | Introduction

Alka 204 is a two component, clear, solvent-based polyaspartic topcoat designed for use over concrete floor coatings. Alka 204 is very high gloss, low viscosity topcoat. In comparison to the conventional solvent-based polyurethane coatings, polyaspartic coatings show a much higher abrasion resistance and flexibility. In fact, aliphatic polyurea or polyaspartic family of resins are the next generation of polyurethanes.

## | 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-prime coating it can be used on exposed aggregates and polished concretes.

## | Benefits

- Tough and durable,
- Maintaining its gloss far beyond that of comparable systems,
- Extremely bright, clear and transparent,
- Excellent penetration and adhesion,
- Excellent bond strength,
- Easy application/Can be applied by brush, roller and spray,
- 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,
- Very 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 204 is a versatile product and can be applied by brush, roller or spray.

Please bear in mind that Alka 204 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 204 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 204 in a confined space.
- Freshly applied Alka 204 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

<b>Form</b>	Component A Component B	clear, transparent, liquid transparent liquid
	Transparent when applied	
<b>Density (at 25°C)</b>	Comp A + B: 1.0 ± 0.1 kg/litre	
<b>Solid Content</b>	%50 ±5.0	
<b>Mix Ratio</b>	Comp A : B = 4 : 1 (by weight or volume)	
<b>Pot Life (at 25°C)</b>	Approximately <b>at least 1 hour</b>	
<b>Application Temperature(ambient &amp; substrate)</b>	Minimum substrate temperature: + 8°C Maximum substrate temperature: + 30°C Maximum relative humidity:~ 80%	
<b>Cure times</b>	Touch Dry:	1 hour @ 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.
<b>Substrate MoistureContent</b>	Maximum of 12% by weight	
<b>Storage</b>	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.	
<b>Packaging</b>	Pre-proportioned units (A+B) in 20 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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