

Alka 110

2-part self-levelling epoxy coating



| Introduction

Alka 110 is a thixotropic, two component, high viscosity, 100% solid solvent-free and high build epoxy system that can be used in heavy duty applications. Versatile application methods such as brush, rolling or spraying.

| Where it could be used

Alka 110 has been formulated with heavy duty application in mind and it can be used in:

Industrial and commercial uses, warehouses, storage and packaging areas, Food and beverage processing, in electric and power plants, garbage and clean rooms, high traffic areas, aero-space such aircraft and helicopter hangers, food and beverage productions, waste waters, sewerages and all other industrial application.

| Benefits

- 100% solid and durable, solvent-free,
- High gloss and durable surface,
- Excellent resistance to whitening / blooming from early exposure to surface moisture,
- Good chemical resistant,
- Excellent bond strength,
- Easy application/Can be applied by brush or roller,
- Multi-purpose use,
- Impact resistant, hard wearing and abrasion resistant,
- Rejuvenates worn surfaces, to a smooth finish
- Designed to take heavy loads
- Low maintenance,
- Good mechanical resistance.
- Good chemical resistance.
- Economical.

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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 110 is a versatile product and can be applied by brush, roller, squeegee, or airless spray at 0.6mm -0.7 mm per coat or:

- Approximately 0.25–0.3 kg/m² applied as a roller coating.
- Approximately 0.9–1.2 kg/m² applied as a self-smoothing wearing course or as finish locking coats on textured finishes.

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 110 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 110 in a confined space.
- Freshly applied Alka110 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	liquid transparent liquid
	Available in Australian Standards AS2700 Colours and RAL K7	
Density (at 25°C)	Comp A + B: 1.33 ±0.1 kg/litre	
Mix Ratio	Comp A : B = 5:1 by weight (3.1:1 volume)	
Pot Life (at 25°C)	Approximately 15 minutes	
Application Temperature(ambient & substrate)	Minimum substrate temperature: + 8°C Maximum substrate temperature: + 30°C Maximum relative humidity: ~ 80%	
Cure times	Initial cure:	2 days @ 20°C approx.
	Re-coat able:	12 hours @ 20°C approx. (maximum 36 hours @ 20°C)
	Light traffic:	3 days @ 20°C approx.
	Full cure:	7 days @ 20°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 24 kg	

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

| Contact us

ALKA COATINGS / ABN: 70 652 323 487

2/4 Gregory Hills, NSW 2557 Australia.

Phone: 1300 51 51 50 / alka.au

info@alkacoatings.com.au / Find us on social media.