

Alka 103

2-part Epoxy Levelling Mortar & Mortar Screed



| Introduction

Alka 103 is a fast dry two component, 100% solids, aliphatic polyamine epoxy system that is best to be used as a binder for epoxy screed/mortars.

| Where it could be used

It is best to be used for as a bonding agent for: Epoxy mortar screeds and epoxy grouts. It also can be used in filling cracks. Another use is in artificial stones.

| Benefits

- Fast dry formulation,
- Food Grade formulation,
- Low viscosity,
- Excellent bond strength
- 100 % solids as supplied,
- Designed to take heavy loads,
- Available in bulk quantities,
- Good mechanical resistance,
- Good chemical resistance,
- Economical,
- 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.

Please bear in mind that the tensile strength of the substrate must be a minimum of 1.5MPa.

Shake component B shortly and pour into Component A container. Mix with an electric stirrer for at least 3 minutes. A weight mixture of 1:0.150:15 kilogram of component A : B : quartz can be used as a an epoxy screed.

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 103 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 103 in a confined space.
- Freshly applied Alka 103 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	brownish-transparent, liquid transparent liquid
	Transparent when applied	
Density (at 25°C)	Comp A + B: 1.0 ± 0.1 kg/litre	
Mix Ratio	Comp A : B = 7 : 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	Initial cure:	1 days @ 20°C approx.
	Re-coat able:	3.5 hours @ 20°C approx. (maximum 36 hours @ 20°C)
	Light traffic:	1.5 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 32 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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