

# TECHNICAL DATA SHEET



## ALOCIT 28.96 THIXOTROPIC FILLER

- A sealant, which is also usable as a mortar if mixed with small amounts of quartz.
- A two component, clear epoxy resin, free of solvents, with the consistency of a gel.
- Bonds concrete, artificial and natural stone, wood, metal, bricks, ceramics, fibreglass, plastics, insulation and many other materials firmly and can be applied on dry or damp surfaces.
- Specifically designed for vertical and overhead application.

### USAGE

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For bonding of ceramic tiles on concrete or directly onto existing ceramic tiles; for bonding of broken pieces of concrete, stone, etc; for use in cellars, garages, laundries and vaults, silos, internal sealing of tunnels, conduits, and caverns, repair of swimming pools; for industrial plants, railway and subway tunnels, underpasses and bridges, harbours, locks, dams and channels, for coating of wood and plastic materials. Also used as the base coat on vapour barrier systems for insulation.

- An adhesive for ceramic, concrete, natural or artificial stone, bricks, insulation
- A mortar to level, fill and repair cracks, small indentations or holes and to bond broken edges

### TECHNICAL DETAILS

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Product Description	Two component epoxy resin, free of solvents, thixotropic
Volume Solids	100%
Mixing Ratio (by weight)	2 parts resin - 1 part hardener
Dilution	Do not dilute
Brush/Tool Cleaner	Alocit ACE 1 Solvent
Theoretical Coverage Rate	150-300 gm/m <sup>2</sup>
Number of Coats	1 - 2
Pot Life	@ +20°C/+68°F 20 - 30 minutes
Drying Times	@ +20°C/+68°F Touch dry 6-8 hours, fully cured 7 days
Flash Point	Above +200°C/+ 392°F
Shelf Life	Unmixed approximately 1 year
Storage	Dry room temperature below +30°C/86°F
Colours	Opaque white
Pack Size	3 kilos composites

### SURFACE PREPARATION

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The surface must be free of dirt, loose particles which must be removed either by sand blasting or other mechanical means.

Remove rust by sand blasting or with a wire brush. Chemical preparation with rust converter is not recommended except where blasting would be unsuitable.

On smooth surfaces - plastics, steel or non ferrous metals - grinding with a grinding tool is recommended. A rough surface allows a better adhesion than a smooth one.

Unknown surfaces must be checked by a test coating. After about 10 days setting, the adhesion can be easily checked by means of a grid cut or mechanical stress.

### APPLICATION

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**Spatula:** Apply and press Alocit Thixotropic 28.96 well against the surface by using a spatula.

**Trowel:** On large areas, Alocit Thixotropic 28.96 may be applied with a trowel.

## APPLICATION ON CONCRETE

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After the surface has been prepared, mix resin and hardener well and apply Alocit Thixotropic 28.96 with a spatula or trowel. To obtain a better adhesion, we recommend to prime deep holes, very uneven surfaces or wet surfaces with Alocit Epoxy Primer 28.95 and then apply Alocit Thixotropic 28.96.

## APPLICATION ON METAL

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After the surface has been prepared, mix Alocit Thixotropic 28.96 well and apply with spatula or trowel.

## JOINING AND BONDING OF CERAMIC TILES

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Mix the Alocit Thixotropic 28.96 and press the adhesive well into the joints using a spatula. Remove Alocit Thixotropic 28.96 from the smooth side of the ceramic tile with spatula and wipe tiles immediately with a cloth soaked with thinner. Thus you obtain very neat and hard wearing joints for floors of factories operating with large amounts of water, like laundries, mills, food processing plants, breweries etc.

## PRECAUTIONS

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It is imperative to check unknown surfaces to be coated by a test coating before you start the work. Also, tests should be done routinely on concrete because of the widely different mixtures used.

Always empty the entire amount of hardener into the epoxy to maintain proper mixing ratio. Containers are pre-measured and most of the epoxy container are oversized to allow adding and mixing of the hardener.

Mix thoroughly by hand or with mechanical mixer. Make sure that the material is mixed well around the walls and the bottom of the can. Mix only the amount to be used because of pot life limitations.

## IMPORTANT

Mix only the quantity which can be used during the pot life time. The pot life of 20-30 minutes at + 20°C ( + 68°F) will be shortened with increased temperatures. In regions with temperatures above +30°C ( + 68°F) stir resin well, all around the bottom of the can before mixing with hardener.

ALL INFORMATION IS GIVEN IN GOOD FAITH BUT WITHOUT WARRANTY



Alocit Systems products are manufactured and distributed by the A&E Group

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