



Technical Data Sheet

ALOCIT 28.95 Aquacoat Epoxy Primer

A two part, clear epoxy resin, free of solvents, with a very low viscosity
A sealant impervious to humidity
Fully hardens at temperatures down to 0 °C / 32 °F
Bonds structural elements of almost any kind firmly
Bonds new concrete to old concrete
Usable as a mortar if mixed with quartz or finely crushed stone

USAGE

For repair of cracked concrete even if damp or wet, bonding of broken concrete pieces, steel anchors or new concrete to old concrete. Use on dry or damp surfaces as a bonding agent, sealer, injection sealer or primer for repair and construction of highway.

- Adhesive for structural materials
- Primer for other ALOCIT products, particularly at temperatures between +12 °C / 54 °F and 1 °C / 34 °F
- Injection sealer an adhesive to improve resistance and restore material strength floor covering with wear resistance when filled with quartz, or a mortar for repair of damaged concrete.
- Non-hygroscopic bonding agent for insulation material, particularly granular insulation.

TECHNICAL DETAILS

Product Description:	Two component epoxy resin free of solvent
Volume Solids:	100 %
Mixing Ratio (by weight):	2 parts resin – 1 part hardener
Dilution:	Do not dilute
Brush/Tool Cleaner:	Immediately after use.
Theoretical Coverage Rate:	200 – 400 g/m ² , 1,000 g/m ² when used as a sealer
Number of coats:	One coat as a primer, two coats as floor system
Pot life: +20 °C/+68 °F:	20-30 minutes
Drying Times:+20 °C/+68 °F:	Touch dry 6 hours
Resistant to:	Water, sea water, oils, petroleum, many solvents, alkalis and a certain range of acids.
Flash Point:	Above +200 °C / +392 °F
Shelf Life:	Unmixed approximately 1 year
Storage:	Dry room temperature below +30 °C/86 °F
Colours:	Clear
Pack Size:	30 kg (20 kg resin + 10 kg hardener)

APPLICATION

Brush: Prime with sufficient material depending on the surface. Easy to apply due to low viscosity.
Trowel: ALOCIT Resin 28.95 filled with quartz may be applied with a spatula or trowel.
Note: A wet trowel improves surface finish.



SURFACE PREPARATION

The surface must be free of dirt and loose particles.

The accuracy of the surface preparation prior to the actual coating is essential. Please adhere the following instructions carefully and when in doubt, please contact us for additional information.

Unknown surfaces must be checked by a test.

APPLICATION ON CONCRETE

After the surface has been prepared, mix resin and hardener and apply with a paint brush or a soft scrub-brush. If ALOCIT Epoxy Resin 28.95 is used as a primer, immediately apply the new concrete or mortar and other ALOCIT products as soon as surface is tack dry. ALOCIT Epoxy Resin 28.95 may be mixed with quartz at a ratio of 1:10 up to 1:50 depending on the size of the granules. . Contact us for suggestions.

APPLICATION ON METAL

After the surface has been prepared, mix ALOCIT Epoxy Resin 28.95 well and apply with brush.

Note: The second coat must be applied as soon as the first coat is tack dry.

PRECAUTIONS

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 differing mixtures used.

Always empty the entire amount of hardener into the epoxy, because the proper mixing ratio must be maintained.

Containers are pre-measured and most of the epoxy containers are oversized to allow adding and mixing of the hardener.

Mix thoroughly by hand or with a mechanical mixer. Make sure that the material is mixed well around the walls and the bottom, before mixing with hardener. Avoid stirring air into the product during mixing.

IMPORTANT

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

ALL INFORMATION IST GIVEN IN GOOD FAITH BUT WITHOUT WARRANTY