

TECHNICAL DATA SHEET

D214 QC EPOXY BINDER

V2-22/03/2024

DESCRIPTION

A solvent free epoxy binding and casting resin with excellent non-yellowing properties.

PROPERTIES

- Excellent Adhesion
- Tensile Strength: 20Mpa
- Flexural Strength: 20Mpa
- Hardness (Shore A): 95

RECOMMENDED AREAS FOR USE

Designed as a binder for Quartz and Silica aggregates. May also be used as a primer and topcoat for epoxy floors.

COLOUR	: Clear
Nº. OF COMPONENTS	: 3
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.09
POT LIFE @ 25°C	: 30 min
TOUCH DRY @ 25°C	: 6 hrs
HARD DRY @ 25°C	: 24 hrs
FULL CURE	: 7 days
CLEANER	: D701 WSBC
SHELF LIFE	: 12 months
PACK SIZE	: 15 Litres
MIXING RATIO WITH QUARTZ AGGREGATE	: Base: 1.2lt (1.36kg) : Activator: 0.6lt (0.64kg) : Aggregate: 25kg

CHEMICAL RESISTANCE

Resists most common aggressive chemicals, petroleum products, dilute acids, alkalis, aliphatic solvents and sea water.

SURFACE PREPARATION

All surfaces must be clean, structurally sound, and free of dust, oil and dirt. Concrete surfaces should be abrasive blasted or acid etched to remove laitance. Moisture content should be below 10%.

MIXING INSTRUCTIONS

Mix the base and activator in the proportions given using a slow mechanical mixer, then add the aggregate and mix again. Make sure only enough is mixed that can be used within 20 minutes at 25°C.

TOXICITY

Although D214 is safe, inert and harmless when fully cured, care should be taken to avoid skin contact or inhalation of the uncured components during mixing and application. Refer to the relevant 16-point Safety Data Sheet.

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.