

TECHNICAL DATA SHEET

V2-21/03/2024

DESCRIPTION & USE

An adhesive used to bond new to existing concrete. Bonding plaster to concrete or bricks, concrete sealing and damp-proofing.

PROPERTIES

- Bond strength to concrete: Breaks concrete
- Bond strength to steel: 2.5 N/mm² @ 20°C
- Tensile strength: 20 N/mm² @ 20°C
- Tensile Elongation: 4.8 % @ 20°C
- Moisture Tolerant

CHEMICAL RESISTANCE

Resistant to most dilute acids & alkalis, petroleum products & salt water.

D201 WET TO DRY CONCRETE ADHESIVE

COLOUR	: Grey
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Thick Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.25
PRACTICAL SPREAD RATES	: 2m ² /ℓ
POT LIFE @ 25°C	: 30 min
TOUCH DRY @ 25°C	: 4 hrs
HARD DRY @ 25°C	: 24 hrs
FULL CURE	: 7 days
APPLICATION TEMPERATURE	: 10 to 40°C
OPERATING TEMPERATURE	: -20°C to +60°C
SHELF LIFE	: 12 months
PACK SIZE	: 1.5 & 3 litres

SURFACE PREPARATION

Old concrete should be free of any loose material, dirt, oil and dust. High pressure water wash or mechanically clean to obtain a sound surface for bonding.

APPLICATION

Using a spatula, trowel, or preferably a slow speed drill with mixer attachment, mix the epoxy and activator in the proportions given until a uniform colour is obtained. Apply by stiff brush or rubber blade, at a spread rate of +- 2M²/ litre. Immediately pour the new concrete in as dry a consistency as possible into the wet resin mixture.

SPECIAL NOTES

D201 is also suitable to serve as a chemical anchor by fixing anchor bolts. After drilling ensure that the hole is dust free, by blowing with compressed air before inserting the resin mixture.

CLEANING EQUIPMENT

All equipment should be cleaned with D701 Water Soluble Brush Cleaner before the resin has gelled.

TOXICITY

Although D201 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional Epoxy systems are adhered to.

HOW TO SPECIFY

All concrete surfaces to be suitably prepared and bonded to new concrete or plaster using D201 Wet To Dry Concrete Adhesive according to the manufacturer's instructions.