

TECHNICAL DATA SHEET

P203

V2-24/03/2024

UNDERWATER EPOXY ADHESIVE

DESCRIPTION & USE

P203 Underwater Epoxy Adhesive has the unique ability to displace water chemically, affecting a tight bond to any surface. Repair water reservoirs, swimming pools, concrete irrigation canals, bridge supports etc. Applied onto an aluminium or fibreglass heet it is a quick exterior emergency repair to damaged boat hulls. Is suitable for potable water.

PROPERTIES

- Bond strength:
- Steel: 300kg/cm² @ 21 °C
- Concrete: Breaks concrete
- Hardness (shore D): 68
- Moisture Tolerant

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|-------------------------------|-----------------------|
| COLOUR | : Cream |
| Nº. OF COMPONENTS | : 2 |
| MIXING RATIO (VOL) | : 1 : 1 |
| CONSISTENCY | : Thixotropic Paste |
| VOLUME SOLIDS | : 100% |
| MIXED DENSITY | : 1.6 |
| PRACTICAL SPREAD RATES | : 1m ² /ℓ |
| POT LIFE @ 25°C | : 1 hr |
| TOUCH DRY @ 25°C | : 4 hrs |
| HARD DRY @ 25°C | : 12 hrs |
| FULL CURE | : 7 days |
| CLEANING EQUIPMENT | : P701 WSBC |
| SHELF LIFE | : 12 months |
| PACK SIZE | : 500ml, 1 & 2 litres |

CHEMICAL RESISTANCE

Resist most aggressive chemicals, petroleum products, dilute acids and alkalis, and sea water.

SURFACE PREPARATION

All surfaces must be sound and free of loose material. Clean by wire brushing.
Smooth surfaces should be abraded to create a mechanical key.

MIXING INSTRUCTIONS

Thoroughly mix the epoxy and activator in equal volumetric proportions given using a flat spatula.
The mixed resin can then be lowered underwater and applied by brush or trowel.
Do not mix more material than can be utilised within 50 minutes.

TOXICITY

Although P203 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to. Refer to the relevant 16-point Material 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.

