

TECHNICAL DATA SHEET

D20 3

UNDERWATER EPOXY ADHESIVE

V2-24/03/2024

DESCRIPTION & USE

D203 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 sheet 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

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	: D701 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 D203 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.