

MC-DUO 1264 UW

Long Pot Life, Low Viscosity under Water Epoxy Grout

Description

MC-DUO 1264 UW is a two component solvent free, 100% solid epoxy system specifically designed for under water grouting and concrete repair.

MC-DUO 1264 UW cures and bonds in water or wet condition with strength. It is also designs for void filling with the present of water under machine base plate.

Features

- Cures under water
- Solvent free system
- Low viscosity
- Long pot life
- Good adhesion to damp / wet substrate
- Pumpable and pourable

Application

Substrate Preparation

All surfaces to be in contact with **MC-DUO 1264 UW** shall be free of marine growth, moss, oil, grease and other contaminants.

Mixing

For optimum performance, mix the **MC-DUO 1264 UW** according to the recommended ratio. Pour all components B into pail containing component A, mix thoroughly by hand or slow speed mixer.

Placement

MC-DUO 1264 UW may be pumped or poured into place. For vertical flow application simply pour or pump from the top of the opening or pump into ports. For horizontal application, pour or pump from one side to the other.

Cleaning

Clean immediately after use with solvent.
Hardened material can be removed mechanically.

Considerations

- Minimum temperature of substrate is above 5°C
- Do not add solvents to increase pot life and flow ability.

Precaution

MC-DUO 1264 UW contains certain chemicals which can cause skin irritation and respiratory reaction if inhaled. Wear protective clothing, gloves and goggles. Handle with care and in the event of eyes and skin contact, wash with plenty of water and seek medication attention if irritation persists.

Refer to MSDS for details health and environmental recommended.

Technical Data for MC-DUO 1264 UW

Characteristic	Unit	Value	Comments
Mixing Ratio	p.b.w	2.7 : 1	Part A : Part B
Density (mixed)	kg/dm ³	1.15 - 1.2	DIN 53 479
Viscosity	mPa·s	~ 420	DIN EN ISO 3219
Compressive Strength @ 7 days	N/mm ²	> 60	ASTM 109
Tensile Strength @ 7 days	N/mm ²	> 20	DIN EN 53455
Minimum Application Temperature	°C	+ 8	Air, substrate and material temp.
Glass Transition Temperature	°C	~ 50	DIN EN 12614
Pot life	mins	60	@25°C

*** All technical values relate to 20° C and 50% relative humidity**

Product Characteristics for MC-DUO 1264 UW

Standard Colour	Part A: Clear Part B: Amber
Supply Form	Part A: Liquid Part B: Liquid
Cleaning agent	MC-Thinner EP Water of water-based cleaners must not be used under any circumstances
Delivery	1 kg set & 3kg set
Storage	Can be stored in shaded, cool and dry conditions for 12 months in original unopened packs. Storage temperature should not fall below +10°C or exceed +35°C. Same conditions are valid for transport.
Disposal	In the interest of the environment, please empty all packs completely and in accordance with statutory regulations.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition MCS-18/11. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.