



CONCREX FLEX

DESCRIPTION AND USES

Flexible repair for areas subject to movement and vibrations.

PRODUCTS

A930046 - Concrex Flex (WT5000015N1W Base/Resin / WT5000015N1WB Act.)

COMPANION PRODUCTS

- J510010 - Mix & Apply Trowel
- J510009 - 10" Finishing Trowel
- A060006 - Tack Coat (screeding primer)

PACKAGING

22 lbs

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PRIMING

A primer is not usually required if patch or crack repairing. Watco Tack Coat adhesive primer is recommended when applying Watco Concrex Flex as a thin section screed or when applying to smooth, non-porous or metal surfaces.

SURFACE PREPARATION

Surfaces should be clean, dry and free of all loose material. Wire brushing or sweeping is generally sufficient. Watco Bio-D degreaser can be used to remove grease and oil.

MIXING & APPLICATION

Each Watco Concrex Flex pack contains a granular resinous compound and separate containers of curing agent. The components are mixed by trowel according to the simple instructions in the pack until a smooth grey mortar is obtained. The more thorough the mixing, the 'wetter', smoother and more manageable the mix becomes. This can be achieved quite quickly by wearing disposable gloves and kneading the mixture by hand. A crete angle or similar mixer can be used to ensure thorough mixing of larger quantities. This is trowelled firmly against the surface to be repaired, and finished with a trowel or float. To prevent drag on the trowel, a rag moistened with mineral spirit may be wiped across the face of the tool.

WORKING LIFE

Half to one hour depending on the temperature. If Concrex Flex is used past its working life, trowelling will become difficult and adhesion will be reduced.

CURING TIME

Normally 5 - 6 hours depending on temperature. Curing time will be extended by low temperatures. Curing will be very slow or even arrested by temperatures at 50°F and below.

COVERAGE

Approx. 13 ft² per 22lbs at 5mm (3/16 inches) thick.

CLEAN UP

Equipment used for mixing and applying Watco Concrex Flex should be cleaned with mineral spirit or a similar solvent before the Watco Concrex Flex cures. **See technical data sheet for additional product and application information. FOR PROFESSIONAL USE ONLY.**

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PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<50 g/l
PRACTICAL COVERAGE	Approximately 13 ft ² per 22lbs at 5mm (3/16 inches) thick.
CURING TIME	5 - 6 hours depending on temperature. Curing time will be extended by low temperatures. Curing will be very slow or even arrested by temperatures at 50°F and below.
POT LIFE	30 minutes to 1 Hour depending on temperature. If Concrex Flex is used past its working life, trowelling will become difficult and adhesion will be reduced.
STORAGE	If stored for long periods the granular resinous material should be thoroughly mixed before adding the curing agent. Concrex Original, Tinted, Rapid Set and Deep Fill should be stored at an ambient temperature above 50°F for approximately 8 hours prior to use. Concrex Cold Set should be stored at an ambient temperature above 10°F for approximately 8 hours prior to use.
SHELF LIFE	2 years
FLASHPOINT	>200°F (94°C)

WARNING: FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.

CONCREX IS FAR STRONGER THAN CONCRETE. COMPARISON OVER 28 DAYS	TENSILE STRENGTH	Concrex 2234 psi	Concrete 493 psi
	FLEXURAL STRENGTH	Concrex 8108 psi	Concrete 1001 psi
	COMPRESSIVE STRENGTH	Concrex 8006 psi	Concrete 4322 psi