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LIQUID WATERPROOFER

Easy-to-use, flexible waterproofing for floors

DESCRIPTION AND USES

Liquid Waterproofer is a two-component flexible coating that is perfect for re-surfacing and damp-proofing basements, workshops, storerooms, balconies, walkways, roofs, fountains, storage tanks, swimming pools and more. It is a hard wearing waterproof coating yet permeable to water vapor, which allows the substrate to breathe. Liquid Waterproofer can resist up to 10 psi of hydrostatic pressure.

APPEARANCE

White appearance

PACKAGING

Liquid Waterproofer is packaged in a 55 lb kit containing a milky white liquid component and a gray dry powder component.

PRODUCTS

B650049 - Liquid Waterproofer Kit

COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle

J510002 - 18" Replacement Roller

J510004 - 4" Brush

J510017 - Spiked Roller 7"

J510082 - Spiked Roller 12"

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SURFACE PREPARATION

The concrete surface must be clean, dry and free of loose material. New concrete should be allowed to cure for 28 days prior to coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with detergent or other suitable cleaner. Rinse thoroughly. Use Cemetch™ to remove unsound laitance and create a proper surface profile to the concrete. Rinse thoroughly. Remove excess water by squeegee. The concrete surface must be damp at the time of application.

MIXING

Place the powder into an empty bucket and pour in approximately three quarters of the liquid component, mix using a slow speed drill and paddle mixer. Mix for approximately 3 minutes until a lump free, creamy consistency is achieved. Add the remaining liquid and mix thoroughly.

APPLICATION

While the surface is damp but free from standing water the first coat can be applied. Use a medium hard short bristled brush or roller. The application thickness should be no more than 60 mils and no less than 20 mils per coat. The second coat may be applied as soon as the first is cured, normally 12-24 hours. For general flooring applications the total film thickness should be between 40-120 mils. To withstand 10 psi hydrostatic pressure the coating thickness should be 80 mils. A spiked roller should be used to release air and help even out the surface.

CURING TIME

At 70°F a floor treated with Liquid Waterproofer can take light traffic after approximately 16 hours and heavy traffic after 3 days. Full chemical airing is achieved over 7 days; it is at this point the coating will resist permanent water pressure.

COVERAGE

Approximately 80 sq.ft. per kit at 60 mils.

APPLICATION	THICKNESS	METRIC KG/M ²	LB/M ² LB/10.76SQFT	SQFT/50LB PACK
40mils	1mm	2	4.41	122.01
60mils	1.5mm	3	6.61	81.34
80MILS	2mm	4	8.82	61.00
92MILS	2.3mm	4.6	10.14	53.05

CLEAN UP

Clean up equipment immediately with water.

PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<50 g/l
PRACTICAL COVERAGE	Approximately 80 sq.ft per kit at 60 mils.
MIXING RATIO	22.5 pounds of power per 1 gallon of latex.
DRY TIMES at 70-80°F (21-27°C) and 50% Rel. Hum.	Light foot traffic 16 hours. Normal service 24-48 hours. Heavy traffic 72 hours
POT LIFE	1 year
INDUCTION PERIOD	None
FULL CHEMICAL RESISTANCE	7 days
RECOAT	12-24 hours; Do not exceed 24 hours
SHELF LIFE	1 year
FLASHPOINT	Liquid component: >200°F

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.