QUICSEAL 128

FLEXCEM

Pre-packed – Easy to mix and apply

Good waterproofing properties

Excellent adhesion to concrete, natural and artificial stones wood, steel, galvanized sheet metal, PVCs, copper etc

Flexible allowing it to widge hairline cracks

Does not contain chloride or other corrosive salts which cause efflorescence

Able to withstand light foot trafficking

Can be applied onto damp substrates

ARDEX-QUICSEAL SINGAPORE PTE. LTD.
26 Tuas Ave 4 Singapore 639376
Telephone: +65 6861 7700
Fax: +65 6741 4666
Email: sales@ardex-quicseal.com
Website: www.ardex-quicseal.com

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FLEXCEM

DESCRIPTION

QUICSEAL 128 FLEXCEM is a specially formulated two component, flexible cementitious waterproofing membrane consisting of a special synthetic polymer resin mixed with a blend of powder comprising of cement, well-graded aggregates and special fillers.

When mixed, QUICSEAL 128 becomes a smooth consistent liquid paste, which is easily applied by brush, roller, trowel.

QUICSEAL 128 cures to form a flexible but tough membrane with excellent adhesion to most types of substrate surfaces. Its unique chemical structure provides a breathable membrane that is permeable to water vapour and yet impermeable to water.

TYPICAL USES

For Waterproofing

- Kitchens, toilets and wet areas;
- Balconies & terraces;
- Water features, fountains, aquariums, ponds;
- Swimming pools and Jacuzzis;
- Water tanks, containers and silos;
- Reservoirs and canals;
- Basement walls and lift pits;
- New and old building structures (both internal & external);
- Carparks, factories, warehouses, etc;
- Ground slabs

SURFACE PREPARATION

The substrates must be clean and sound, free of dust and loose particles. Laitance, oil, grease, mould release agents or any foreign contaminants that may inhibit adhesion must be removed from concrete surfaces by using wire brush, scabbler or other means. It is recommended that a cement & sand fillet be formed at all corners to receive the waterproofing membrane. Prior to the application of the waterproofing membrane, dampen the substrate with water while ensuring that no free water is present on the surface.

MIXING INSTRUCTIONS

Pour Part A (liquid) into a clean container. Slowly add Part B (powder) into Part A and mix with a slow speed mechanical mixer for approximately 2-3 minutes until homogenous and lump free. Allow the mix to stand for 5 minutes and re-stir manually before use.

APPLICATION

For horizontal and vertical surfaces, a roller, trowel or brush, may be used to apply the slurry. Care must be taken to ensure that air is not entrapped in the membrane. Apply to joints and corners, ensuring that areas are worked well into and allow it to cure for approximately 2 hours before application of the second coat

A minimum curing time interval of 12 hours is recommended after applying the 2nd coat of waterproofing membrane before laying the screed, QUICSEAL 128 must be tack-free prior to commencing ponding test or screeding operations.

PACKING & COVERAGE

Pack size : 36 kg/set
Coverage : 0.8 – 1.0 kg/m²/coat

TEST REPORT

Test Report available upon request

TECHNICAL DATA

	(Part A)	(Part B)
Supply Form	White Liquid	Greyish Powder
Mixing Ratio	1.0	2.4
Specific Gravity (Mixed)	1.8kg /litre	
Mixed Colour	Grey	
Pot Life at 35°c	Approx. 30 minutes	
Set-to-touch	2 to 3 hours depending on temperature and the porosity of substrates	
Tensile Strength (ASTM D412:92)	1.3 ± 0.3MPa	
Elongation at Break (ASTM D412:92)	60 ± 10%	
Adhesion to Concrete (ASTM D4541:85)	> 0.4MPa	
Water Penetration Test (DIN 1048: Pt 5: 1991)	Passed (12 hrs at 0.2 bar)	

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Flexibility over 25 mm dia mandrel	Good

STORAGE

The shelf life of QUICSEAL 128 is 12 months when stored unopened in a cool and dry place.

HEALTH & SAFETY

Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Powder products should be handled to minimize dust formation. Use a light mask if excessive dusting is unavoidable.

IMPORTANT NOTES

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact ARDEX-QUICSEAL

Offices:

Malaysia:
ARDEX QUICSEAL MALAYSIA SDN. BHD.
72-2, Jalan Puteri 2/2 Bandar Puteri 47100,
Puchong, Selangor Darul Ehsan
Malaysia
Phone: +603 8051 0311
Email: sales.malaysia@ardex-quicseal.com

Thailand:
ARDEX (THAILAND) CO., LTD
969 2nd Floor, Moo 13, Soi 45, Bangna-Trad Road
Bangkaew, Bangplee, Samutprakarn 10540 Thailand
Telephone: +66 2316 3069 Fax:+66 2316 3075
Email: sales@ardex.co.th
Website: www.ardex.co.th

Vietnam:
Mobile: +84 901 351 308
Email: sales@ardex-quicseal.com

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