

ARTER-500

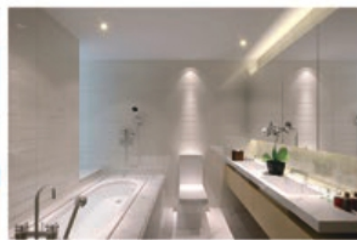
Polymer Cement Waterproof Coating

Product Introduction

Arter-500 Polymer Cement Waterproof Coating is a two components water-base waterproof coating material which is made out of the organic liquid of high quality modified acrylic emulsion and infinite powder of high-aluminum high-iron cement with multiple additives by scientific formulation.



Kitchen



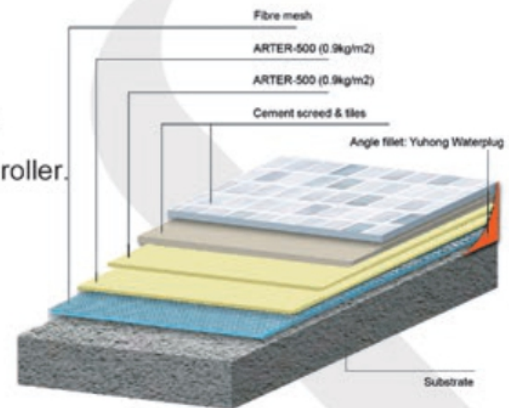
Bathroom



Balcony

Product Features

- Adhesion: Excellent adhesion, can apply on wet surface.
- Flexibility: Flexible, tolerates concrete movement without crack.
- Ease of application: Ready to use and easy to apply by brush / roller.
- Eco-friendly: Water based and non-hazardous.
- Air breathable yet waterproof.



Technical Specification

Items	Normal Standard	ARTER-500
Solid content	≥ 70%	76%
Tensile strength (No treatment)	≥ 1.2 MPa	1.6 MPa
Elongation at break (No treatment)	≥ 200 %	522.9 % (SIRIM TEST)
Flexibility at low temperature	-10°C, No crack	-10°C, No crack
Adhesion strength (No treatment)	≥ 0.5 MPa	1.1 MPa
Water tightness (0.3 MPa, 30 min)	Impermeable	Impermeable
Packing size		18kg: (Part A 2kg, Part B 2.5kg) x 4 sets 9kg: (Part A 2kg, Part B 2.5kg) x 2 sets

Method Statement

Recommended Dosage

About 1.8kg/m²-2.2kg/m² per millimeter. Coverage may vary depending upon the nature and texture of the substrate and thickness of the membrane.

Mixing Ratio

Arter-500 is made up of Part A and Part B with the ratio of 8 portions of liquid (Part A) to 10 portions of powder (Part B). Water dilution is allowed but the amount of water should not exceed 15% of the amount of liquid.

Application Method

Surface preparation: Clean the surface thoroughly, ensure the surface to be coated is free of dirt, oil, grease, dust, fungus and moss and any loose substrate.

Mixing: First pour the liquid material and water into a bucket to mix, then add in powder material and stirred mechanically and evenly with a mixer. The mixture should be fully used within 3 hours.

Angle fillet: Construct a triangular cross-section at all corners and water outlets using Yuhong Waterplug.

1st coat: Brush the coating in vertical manner for the entire surface then allow it to dry.

2nd coat: Brush 2nd layer after the first layer is completely dry. Brush in horizontal direction/perpendicular direction to the first coat. Ensure that film thickness of both layers to be about 1.5mm.

Ponding test: Conduct ponding test once the coating is completely dry to ensure a successful waterproofing system.



Transportation & Storage

- Non-flammable and non-explosive product.
- Store in dry and cool place between temperature of 5°C~35°C, take insulation measures should temperature is below 5°C.
- Prevent direct exposure to sunlight, rain and avoid collision and compression.
- Shelf life is 12 months from manufactured date under good transport and storage conditions.



Awfer-306

White Polyurethane Waterproof Coating



SIRIM QAS International Sdn. Bhd. (511214-K)
No. 1, Persiaran Damansara, P.O. Box 1025, Damansara,
47810 Kuala Lumpur, Selangor Darul Ehsan, Malaysia
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Fax: 603-24451008
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TEST REPORT

REPORT NO.: 2019CE0168 PAGE: 1 OF 2
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THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant: ORIENTAL YUJHONG TECHNOLOGIES (MALAYSIA) SDN. BHD.
Lot 3A01, 3A03 Floor, Tower 1, Fajar Tower,
Jalan Duta Bahagia, Taman Duta,
50700 Kuala Lumpur, Malaysia.

Manufacturer: - Nil

Product: SMAR Coating

Reference Standard / Method of Test: ASTM D 412-16 Title: Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension

Description of sample / Description of Test Specimen: Received one (1) sample SMAR Coating for testing which was identified as:
Brand: ORIENTAL YUJHONG
Product Description: Single-Component Water-borne Macromolecule Waterproof Coating

Date Received of Complete Application: 28 January 2019

Job No.: :J2019A02103

Description of Test Results / Overall Test Result: This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test sample are described in next page of this test report.

Issued Date: 13 February 2019

Approved Signatories:

[Signature]
MUHAMMAD ISZAL BIN ABDUL
Testing Executive

[Signature]
SHAHNAS BINTI MAHBUT
Head
Chemical & Consumer Section
Testing Services Department



REPORT NO.: 2019CE0171 PAGE: 2 OF 2
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Test Results:
Product: : AWFER Coating
Brand: : ORIENTAL YUJHONG
Product Description: : Main Materials of Isocyanate and Polyether

No.	Type of Tests	Test Method	Results
1.	Tensile Strength, MPa Speed : 100mm/min Cumulated Type : Dia C Thickness : 1.50 mm	ASTM D 412-16	3.1
2.	Elongation at Break, % Speed : 100mm/min Cumulated Type : Dia C Thickness : 1.50 mm	ASTM D 412-16	364.1

Note: 1 MPa = 1 N/cm²



Arter-500

Polymer Cement Waterproof Coating



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TEST REPORT

REPORT NO.: 2019CE0170 PAGE: 1 OF 2
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Applicant: ORIENTAL YUJHONG TECHNOLOGIES (MALAYSIA) SDN. BHD.
Lot 3A01, 3A03 Floor, Tower 1, Fajar Tower,
Jalan Duta Bahagia, Taman Duta,
50700 Kuala Lumpur, Malaysia.

Manufacturer: Nil

Product: ARTER Coating

Reference Standard / Method of Test: ASTM D 412-16 Title: Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension

Description of sample / Description of Test Specimen: Received one (1) sample ARTER Coating for testing which was identified as:
Brand: ORIENTAL YUJHONG
Product Description: Two-Component Water-borne Waterproof Coating Material

Date Received of Complete Application: 28 January 2019

Job No.: :J2019A02104

Description of Test Results / Overall Test Result: This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test sample are described in next page of this test report.

Issued Date: 13 February 2019

Approved Signatories:

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MUHAMMAD ISZAL BIN ABDUL
Testing Executive

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SHAHNAS BINTI MAHBUT
Head
Chemical & Consumer Section
Testing Services Department



REPORT NO.: 2019CE0170 PAGE: 2 OF 2
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Test Results:
Product: : ARTER Coating
Brand: : ORIENTAL YUJHONG
Product Description: : Two-Component Water-borne Waterproof Coating Material

No.	Type of Tests	Test Method	Results
1.	Tensile Strength, MPa Speed : 100mm/min Cumulated Type : Dia C Thickness : 1.17 mm	ASTM D 412-16	2.0
2.	Elongation at Break, % Speed : 100mm/min Cumulated Type : Dia C Thickness : 1.17 mm	ASTM D 412-16	520.9

Note: 1 MPa = 1 N/cm²

