

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued To:

QuakeWrap, Inc.

6840 S. TUCSON BLVD. TUCSON, AZ 85756 , United States

Product:

Drinking Water System Components - Health Effects

Products are certified to the following standard(s)

NSF/ANSI/CAN 61-2022

File Number: N-11990

Revised Date: July 18, 2023

Effective Date: January 2020

Void After: January 2025*


Chairman, Product Certification Committee




Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

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Identification:

Each product shall be permanently and legibly marked with the manufacturer's name or trademark. The product may also be marked with the standard designation "NSF/ANSI/CAN 61".

Listed products shall also bear the IAPMO R&T mark.

Characteristics:

Materials or products that come into contact with drinking water and/or drinking water treatment chemicals. Products and materials may include process media, protective materials, joining and sealing materials, pipes and related products, mechanical devices used with treatment/transmission/distribution systems, and mechanical plumbing devices. To be installed in accordance with the manufacturer's instruction. Lead free requirements are addressed under a separate certificate of listing.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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Models

QuakeWrap™

Tank Coatings

Description

Water Contact Size Restriction: <= 3,000 gallons

Coating Details:

First Layer: QuakeBond™ 300SR Part A + QuakeBond™ 300SR Part B + Aerosil 200 (Tack Coat)

Mix ratio (Silica:Resin) : 1:1:1 by volume

Mix ratio (A:B): 2:1 by volume (or 100:42.7 by weight)

Number of Coats: 1

Maximum Dry Film Thickness (mils): 40

Cure Time and temperature (before second layer): None

Second Layer: QuakeBond™ 300SR Part A + QuakeBond™ 300SR Part B (Saturating Resin)

Mix ratio (A:B): 2:1 by volume (or 100:43 by weight)

Saturation rate of QuakeWrap™ carbon fabric is maximum 50% by volume of saturating resin, i.e. [vol. of resin/vol. of resin and fabric] <= 0.5

Coats: 1

Maximum Dry Film Thickness (mils): 50

Fabric:

QuakeWrap™ U18C

QuakeWrap™ U20C

QuakeWrap™ U27C

QuakeWrap™ U41C

QuakeWrap™ B20C

QuakeWrap™ U27G

QuakeWrap™ B26G

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Note 1: Final cure time and temperature after final layer of saturated fabric is applied: 72 hours at Ambient temperature. Cure time can be reduced by using portable heaters.

Note 2: Product shall be flushed for 1 hour at 10 gallons per minute prior to use.

Note 3: Maximum Total Dry Film Thickness (mils): 90

Note 4: Material acceptable for immediate return to service in 6" or larger diameter pipe and 3,000 gallon or larger tanks

QuakeWrap™

StifPipe™

Description

For Cold Water Applications with end use temperature of 23°C. Water Contact Size Restriction: ≥ 6 in. For use on new pipes.

Coating Details:

First Layer: QuakeBond™ 300SR Part A + QuakeBond™ 300SR Part B + Aerosil 200 (Tack Coat)

Mix ratio (Silica:Resin) : 1:1:1 by volume

Mix ratio (A:B): 2:1 by volume (or 100:42.7 by weight)

Number of Coats: 1

Maximum Dry Film Thickness (mils): 40

Cure Time and temperature (before second layer): None

Second Layer: QuakeBond™ 300SR Part A + QuakeBond™ 300SR Part B (Saturating Resin)

Mix ratio (Silica:Resin) : 1:1:1 by volume

Mix ratio (A:B): 2:1 by volume (or 100:44 by weight)

Number of Coats: 1

Maximum Dry Film Thickness (mils): 40

Cure Time and temperature (before second layer): None

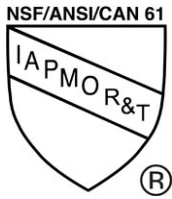
Fabric:

QuakeWrap™ U18C

QuakeWrap™ U20C

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Fabric:

QuakeWrap™ U27C

QuakeWrap™ U41C

QuakeWrap™ B20C

QuakeWrap™ U27G

QuakeWrap™ B26G

Note 1: Final cure time and temperature after final layer of saturated fabric is applied: 72 hours at Ambient temperature. Cure time can be reduced by using portable heaters.

Note 2: Product shall be flushed for 1 hour at 10 gallons per minute prior to use.

Note 3: Maximum Total Dry Film Thickness (mils): 90

Note 4: Material acceptable for immediate return to service in 6" or larger diameter pipe and 3,000 gallon or larger tanks