



ICC-ES PMG Product Certificate



PMG-1485

Effective Date: January 2022

This listing is subject to re-examination in one year.

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A Subsidiary of the International Code Council®

CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 13 16—Sanitary Drain, Waste and Vent Piping

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Products: Quik-Coating Applied in Place Pipe Rehabilitation (AIPPR) System

Listee: Pipe Lining Supply Corp.
2970 E. La Palma Ave
Anaheim, CA 92606
www.pipeliningupply.com

Compliance with the following codes:

2021, 2018, 2015, 2012, 2009 *International Plumbing Code*® (IPC)
2021, 2018, 2015, 2012, 2009 *International Residential Code*® (IRC)
2021, 2018, 2015, 2012, 2009 *Uniform Plumbing Code*® (UPC)

Compliance with the following standards:

IAPMO IGC 351-2018a, Applied in Place Pipe Rehabilitation (AIPPR) Systems

Identification:

The product packaging shall be marked with the manufacturer's name or trademark, the pipe size, the pipe material, and application types (e.g., DWV, sanitary sewer, storm sewer, electrical conduit) for which it is intended, the model number, model name or description of polyurea as applicable and the ICC-ES PMG listing mark. This marking shall be affixed to the containers of product (A & B components).

As this product is applied in liquid form, labels alerting future cleaning of the lines must be affixed at each cleanout affected by the polyurea coating process.

Installation:

Installation must comply with the manufacturer's published installation instructions and the applicable codes.

The Quik-Coating Applied in Place Pipe Rehabilitation (AIPPR) System must be applied by installers trained and certified by Pipe Lining Supply, Inc.

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.

The Quik-Coating Applied in Place Pipe Rehabilitation (AIPPR) System may be used to repair vertical and horizontal pipelines and conduits.

Inspection and Cleaning: The pipe must be clean of all debris, roots and other obstructions that would block proper inversion of the AIPPR. The cleaning must be done with a high-pressure jet unit or with mechanically powered cleaning equipment such as an electric rod machine with cutting attachments.

Inspection of the pipe must be done using a closed-circuit television (CCTV) camera and performed by experienced personnel trained in locating breaks, obstacles and service connections. The interior of the pipe must be carefully inspected to determine the location of any conditions that may prevent proper installation of the AIPPR liner into the pipe. Conditions such as protruding service taps, collapsed or crushed pipe, reductions in the cross-sectional area of more than 40 percent, or other obstructions must be corrected.

If inspection reveals a condition that cannot be removed by conventional sewer cleaning equipment, then a point repair excavation should be made to uncover and remove or repair the obstruction.

Preparation, Installation and Curing of the Liner: The mix ratio of Side A and Side B must be mixed in accordance with the manufacturer's recommendations.

Once the polyurea is mixed, the installer must evenly apply the coating using the equipment approved by the manufacturer to ensure thorough application. The polyurea must be cured in accordance with the manufacturer's recommendations.

Cured piping is then inspected in accordance with the manufacturer's published installation instructions using equipment approved by the manufacturer. A final CCTV inspection is performed and recorded in accordance with Item 5 of the Conditions of Listing section.

Models:

Quik-Coating Applied in Place Pipe Rehabilitation (AIPPR) System: The system consists of components tested and listed to IAPMO IGC 351.

The coating thicknesses shall be specified by the manufacturer and may vary depending on the pipe size, pipe material and other conditions. In no case shall the minimum thickness be less than SDR=100 when calculated in accordance with the following:

$$\text{SDR} = \frac{\text{Pipe outside diameter}}{\text{Pipe wall thickness}}$$

For standard installations, the manufacturer's instructions for minimum and maximum thicknesses should be adhered to.

Conditions of Listing:

1. Installation must be performed by installers trained and certified by Pipe Lining Supply, Inc.
2. The Quik-Coating AIPPR System may be used to line pipe with a minimum diameter of 1.5 NPS (40 DN) up to a maximum diameter of 16 NPS (400 DN).
3. The pipe must be inspected and cleaned in accordance with the Inspection and Cleaning section of this listing and the manufacturer's published installation instructions.
4. Final video inspection must be performed and witnessed by the code official or his designated representative. The final inspection must verify that the liner is continuous over the entire length of the pipe and is free of dry spots, lifts, and delamination's.
5. The Quik-Coating AIPPR System is under a quality control program with an annual inspection by ICC-ES.