

IAPMO IGC 351-2018

Applied in Place Pipe Rehabilitation (AIPPR) Systems



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Published: May 2018

Published by

International Association of Plumbing and Mechanical Officials (IAPMO)

4755 East Philadelphia Street, Ontario, California, 91761, USA

1-800-854-2766 • 1-909-472-4100

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Printed in the United States of America

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1 Scope

1.1 General

1.1.1 This Standard covers applied in place pipe rehabilitation (AIPPR) systems intended for use in 40 to 200 mm (1.5 to 8 in) gravity and pressure applications such as DWV, sanitary sewer, storm sewer, electrical conduit, ventilation, process piping, and non-potable supply piping systems and specifies requirements for materials, physical characteristics, performance testing, and markings.

1.1.2 Applied in place pipe rehabilitation systems (AIPPR) covered by this Standard

- (a) employ a general purpose two component polyurea derived from the reaction product of an isocyanate component and a synthetic resin blend component through step-growth polymerization; and,
- (b) are applied to the pipe and fitting system through using spray, brush or troweling to a finished thickness of not less than SDR100.

1.2 Alternative Materials

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.

1.3 Terminology

In this Standard,

- (a) “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;
- (b) “should” is used to express a recommendation, but not a requirement;
- (c) “may” is used to express an option or something permissible within the scope of the Standard; and
- (d) “can” is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.