

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 392

ASBESTOS-CEMENT PIPE FITTINGS FOR BUILDING AND SANITARY PURPOSES

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BRIEF HISTORY

The ISO Recommendation R 392, *Asbestos-cement pipe fittings for building and sanitary purposes*, was drawn up by Technical Committee ISO/TC 77, *Products in asbestos-cement*, the Secretariat of which is held by the Association Suisse de Normalisation (SNV).

Work on this question by the Technical Committee began in 1956 and led, in 1963, to the adoption of a Draft ISO Recommendation.

In December 1963, this Draft ISO Recommendation (No. 690) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies:

Australia	Israel	Republic of South Africa
Austria	Italy	Romania
Belgium	Japan	Spain
Colombia	Lebanon	Sweden
Denmark	Morocco	Switzerland
Finland	Netherlands	Turkey
France	New Zealand	U.A.R.
Germany	Norway	United Kingdom
Greece	Peru	U.S.A.
Hungary	Poland	U.S.S.R.
Ireland	Portugal	Venezuela
		Yugoslavia.

Two Member Bodies opposed the approval of the Draft:

Brazil, Mexico.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in November 1964, to accept it as an ISO RECOMMENDATION.

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ASBESTOS-CEMENT PIPE FITTINGS FOR BUILDING AND SANITARY PURPOSES

1. SCOPE

This Recommendation applies to asbestos-cement pipe fittings used in building, such as rainwater, sanitary and sewer connections.

It defines certain conditions of manufacture, dimensions and acceptance tests for these products.

2. REQUIREMENTS

2.1 Composition

The fittings are made from a close and homogeneous mixture essentially consisting of a suitable inorganic hydraulic binder, asbestos fibre and water, excluding any materials liable to cause ultimate deterioration in the quality of the fittings.¹

2.2 Types

The fittings may be of two types:

- A — light — for pipes not used under pressure,
- B — heavy — for pipes which may be subject to accidental pressure in service.

2.3 General appearance and finish

The interior surface of the fittings should be regular and as smooth as possible.

The fittings of type B may be coated at least on the interior with a suitable coating which should comply with the requirements of the national standards of the producing country.

2.4 Characteristics

2.4.1 Geometrical characteristics

2.4.1.1 NOMINAL DIAMETER

The nominal diameter of the fittings corresponds to the internal diameter (bore), tolerances not being taken into account.

¹ This Recommendation also applies to autoclaved fittings when the binder is partially replaced by ground silica.