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**Standards  
Association of  
Australia**



# **Australian Standard<sup>®</sup> 462.3—1988**

**METHODS OF TEST FOR  
UNPLASTICIZED PVC (UPVC) PIPES AND  
FITTINGS**

**Method 3—METHOD FOR  
DETERMINATION OF  
IMPACT  
CHARACTERISTICS  
OF UPVC PIPES**



This Australian Standard was prepared by Committee PL/21, Unplasticized PVC Pipe. It was approved on behalf of the Council of the Standards Association of Australia on 5 May 1988 and published on 15 July 1988.

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The following interests are represented on Committee PL/21:

CSIRO, Division of Building Research  
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Engineering and Water Supply Department, S.A.  
Federated Master Plumbers of Australia  
Hunter District Water Board  
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**AUSTRALIAN STANDARD**

**METHODS OF TEST FOR  
UNPLASTICIZED PVC (UPVC) PIPES  
AND FITTINGS**

**Method 3  
METHOD FOR  
DETERMINATION OF IMPACT  
CHARACTERISTICS OF UPVC  
PIPES**

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## STANDARDS ASSOCIATION OF AUSTRALIA

## Australian Standard

## AS 1462.3

METHODS OF TEST FOR UNPLASTICIZED PVC (UPVC)  
PIPES AND FITTINGSMETHOD 3: METHOD FOR DETERMINING THE IMPACT  
CHARACTERISTICS OF UPVC PIPES

## SECTION 1. SCOPE AND GENERAL

**1.1 SCOPE.** This Standard sets out three methods for determining the impact characteristics of unplasticized PVC (UPVC) pipe, designated in this Standard as Tests 1, 2 and 3 and given in Sections 2, 3 and 4 respectively. Test 1 describes a single impact per test specimen conducted at 20 °C. Test 2 describes a multiple impact test conducted at 0 °C. Test 3 describes a multiple impact test conducted at 20 °C.

**1.2 INTRODUCTION AND PRINCIPLE.** It is recognized that the impact resistance of thermoplastics pipe is a function of the material in the product, of the quality of the extrusion or moulding, of the geometry and dimensions of the test specimens, and of the testing variables used, i.e. temperature, striker nose geometry, striker mass, specimen support, and height of drop. Because all these factors and their

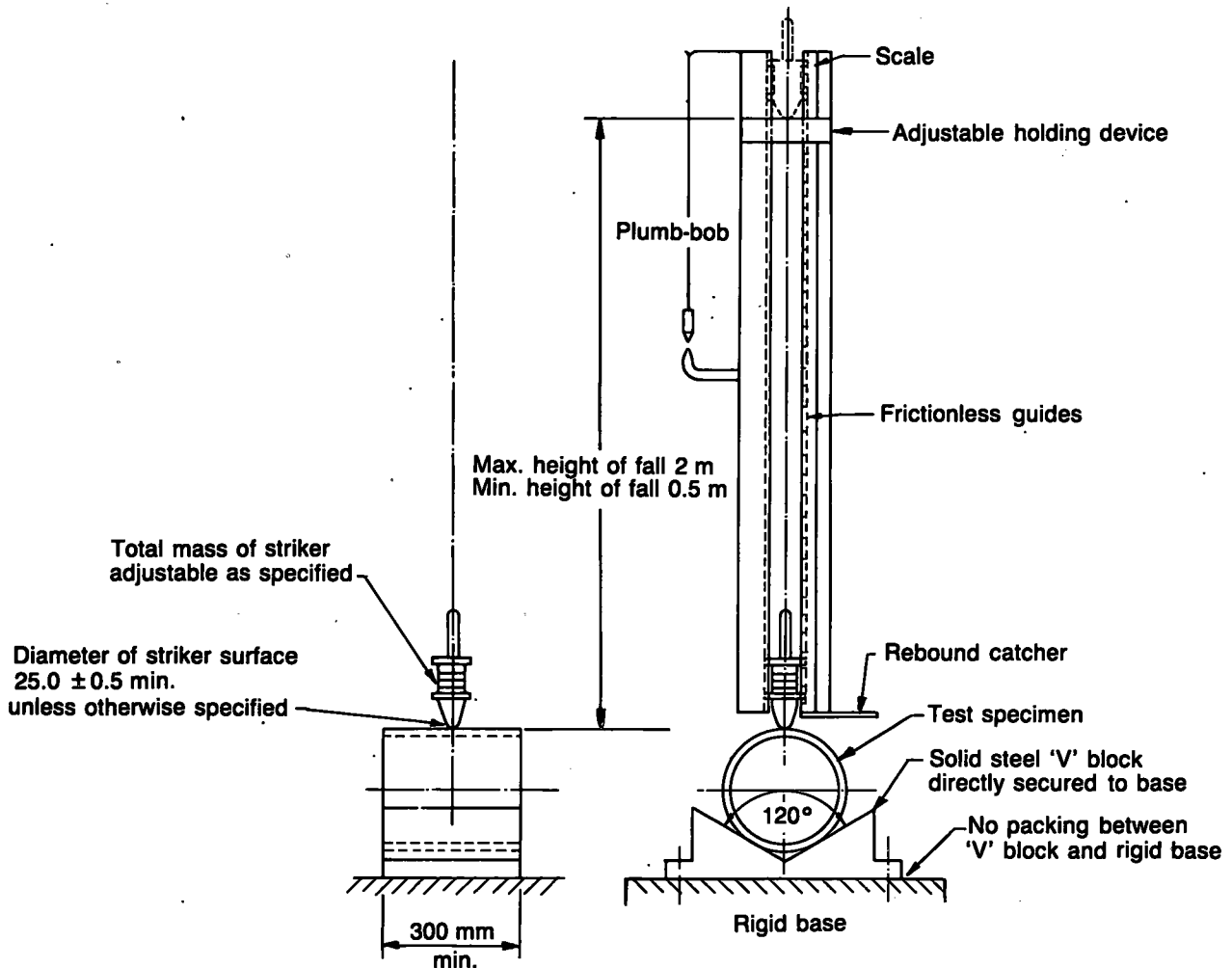


FIGURE 1. TYPICAL IMPACT TEST APPARATUS