

AS/NZS 3879:1995

Australian/New Zealand Standard

**Solvent cements and priming fluids
for use with unplasticized PVC
(uPVC) pipes and fittings**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PL/21, Unplasticized PVC Pipe. It was approved on behalf of the Council of Standards Australia on 30 March 1995 and on behalf of the Council of Standards New Zealand on 19 April. It was published on 5 June 1995.

The following interests are represented on Committee PL/21:

CSIRO, Division of Building, Construction and Engineering
Department of Primary Industries, Qld
Engineering and Water Supply Department, S.A.
Melbourne Water
New Zealand Local Government Association
New Zealand Society of Master Plumbers and Gasfitters
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PL/21 for Unplasticized PVC Pipe, to supersede AS 3879(Int). It is issued as a Joint Standard.

The objective of this document is to provide a Standard specification for use by manufacturers and purchasers of solvent cements and priming fluids.

The scope of this Standard includes priming fluids for preparing the jointing surfaces of uPVC pipes and fittings. An earlier classification of solvent cements has been reduced from four types to two, for pressure (Type P) and non-pressure (Type N) jointing. The gap-filling and non-gap-filling designations of AS A185, *Solvent-welding cements for use with rigid PVC pipe and fittings*, are no longer used.

The test methods include determination of spreadability and the variation of shear strength with time based on tests proposed by the International Organization for Standardization. The shear strength test as described in Appendix B is based on Method A of ISO/CD 9311.2, *Thermoplastics pipes and fittings—Adhesives with solvents for assembling unplasticized polyvinyl chloride (PVC-U) piping systems—Suitability for use, Part 2: Behaviour in time of the shear strength of a bonded assembly*. This Standard also contains sealing requirements for both pressure and non-pressure joints.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Where there are equivalent Australian and New Zealand Standards referenced in this Standard the New Zealand number is given in parenthesis following the Australian Standards number.

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