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English version

Plastics rainwater piping systems for above ground external use  
- Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance  
for the assessment of conformity

This Technical Specification (CEN/TS) was approved by CEN on 25 November 2002 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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## Foreword

This document (CEN/TS 12200-2:2003) has been prepared by CEN /TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

This Technical Specification can be used to support elaboration of national third party certification procedures for products conforming to EN 12200-1.

This Technical Specification is a Part of a System Standard for plastics piping systems of a particular material for a specific application. There are a number of such System Standards.

System Standards are based on the results of the work undertaken in ISO/TC 138 "*Plastics pipes, fittings and valves for the transport of fluids*", which is a Technical Committee of the International Organisation for Standardisation (ISO).

They are supported by separate standards on test methods to which references are made throughout the System Standard.

The System Standards are consistent with general standards on functional requirements and on recommended practice for installation.

EN 12200 consists of the following Parts, under the general title "*Plastics rainwater piping systems for above ground external use — Unplasticized poly (vinyl chloride) (PVC-U)*".

- Part 1: *Specifications for pipes, fittings and the system;*
- Part 2: *Guidance for the assessment of conformity;*

This part of EN 12200 includes a bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

The System Standard, of which this is Part 2, specifies the requirements for a rainwater piping system and its components made from unplasticized poly (vinyl chloride) (PVC-U). The piping system is intended for above ground external use.

For material and components, requirements and test methods are specified in Part 1 of EN 12200. Characteristics for fitness for purpose are also covered in Part 1.

This Part of EN 12200 covers procedures and requirements for the assessment of conformity of materials, components, joints and assemblies and is intended to be used by certification bodies, inspection bodies, testing laboratories and manufacturers.

## 1 Scope

This Part of EN 12200 gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of the quality system.

This Technical Specification includes:

- a) requirements for materials, components, joints and assemblies given in EN 12200-1:2000;
- b) requirements for the manufacturer's quality system;

NOTE 1 It is recommended that the quality system conforms to EN ISO 9001:2000<sup>[1]</sup>.

- c) definitions and procedures to be applied if third party certification is involved.

NOTE 2 If a third party certification is involved, it is recommended that the certification body is accredited to EN 45011<sup>[2]</sup> or EN 45012<sup>[3]</sup>, as applicable.

This Part of EN 12200 is applicable to unplasticized poly (vinyl chloride) (PVC-U) rainwater piping systems intended to be used for above ground external use.

## 2 Normative references

This Technical Specification incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of, any of these publications apply to this Technical Specification only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12200-1:2000, *Plastics rainwater piping systems for above ground external use — Unplasticized poly(vinyl chloride) (PVC-U) — Part 1: Specifications for pipes, fittings and the system*

## 3 Terms and definitions, symbols and abbreviations

For the purposes of this Technical Specification, the terms and definitions, symbols and abbreviations given in EN 12200-1:2000, apply together with the following.

### 3.1 Terms and definitions

#### 3.1.1

##### **certification body**

impartial body, governmental or non-governmental, possessing the necessary competence and responsibility to carry out certification of conformity according to given rules of procedure and management

#### 3.1.2

##### **inspection body**

impartial organisation or company, approved by a certification body as possessing the necessary competence to verify and/or to carry out initial type testing, audit testing and inspection of the manufacturer's factory production control in accordance with the relevant European Standard

#### 3.1.3

##### **testing laboratory**

laboratory which measures, tests, calibrates or otherwise determines the characteristics of the performance of materials and products