



BSI Standards Publication

Plastics rainwater piping systems for above ground external use — Unplasticized poly(vinyl chloride) (PVC-U)

Part 1: Specifications for pipes, fittings and
the system

National foreword

This British Standard is the UK implementation of EN 12200-1:2016. It supersedes BS EN 12200-1:2000 which is withdrawn.

The responsible UK committee gives the following advice concerning the scope and contents of EN 12200-1.

- a) EN 12200-1:2016 has been extended to cover pipes manufactured by multi-layer co-extrusion and the use of acrylic materials for both the outer layer of the pipe and the fittings. It also allows greater use of recycled PVC-U material.
- b) EN 12200-1:2016 is specific to rainwater downpipe systems installed outdoors. For indoor rainwater downpipe reference should be made to standards for soil and waste discharge within the building structure, e.g. BS EN 1329-1:2014.

NOTE In the UK, plastics rainwater downpipe systems installed outdoors normally have “unsealed” joints (see Table 2 which details wall thickness requirements for both sealed and unsealed systems).

- c) Since in Table 12 reference is made to “stage 3” of the grey scale according to EN 20105-A02, the reference here and to this standard in clause 2 should be considered to relate to the latest published edition (currently 1995) of that standard.
- d) The unique UK diameter of 82.4 mm minimum (mean outside diameter) as detailed in BS 4514 is not listed in Table 1 but is commonly used for rainwater applications in the UK. It is advised that pipes and fittings to this size will still be able to be marked EN 12200-1 when manufactured in accordance with the diameter tolerances specified in BS 4514 and using the general rules for other dimensions such as wall thickness as detailed in Clause 6.2.2 of this standard.

The UK participation in its preparation was entrusted by Technical Committee PRI/88, Plastics piping systems, to Subcommittee PRI/88/1, Plastics piping for non-pressure applications.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2016.
Published by BSI Standards Limited 2016

ISBN 978 0 580 87508 3

ICS 23.040.20; 91.060.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 June 2016.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------