

Second edition
2020-07

AMENDMENT 1
2022-07

**Small craft — Windows, portlights,
hatches, deadlights and doors
— Strength and watertightness
requirements**

AMENDMENT 1

*Petits navires — Fenêtres, hublots, panneaux, tapes et portes —
Exigences de résistance et d'étanchéité*

AMENDEMENT 1

Reference number
ISO 12216:2020/Amd.1:2022(E)





COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 188, *Small craft*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 464, *Small Craft*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

STANDARDSISO.COM : Click to view the full PDF of ISO 12216:2020/Amd 1:2022

Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements

AMENDMENT 1

Clause 2

Remove the following normative reference:

ISO 11812:2020, *Small craft — Watertight cockpits and quick-draining cockpits*

Clause 3

Insert the following terminological entries:

3.9.7

sill

barrier above which water can enter companionway openings and downflood the craft

EXAMPLE Hatches of cockpit companionways.

3.9.8

fixed sill

sill (3.9.7) that is a fixed, integral and permanent part of the deck

3.9.9

semi-fixed sill

closing appliance, movable but permanently installed to the boat that, when in place, constitutes a *sill* (3.9.7) higher than the fixed part of the sill

EXAMPLE Hatches, sliding sills, but excluding washboards.

Note 1 to entry: A lanyard is not regarded as a permanent attachment.

Note 2 to entry: Sliding or hinged doors are considered as a mobile part of a semi-fixed sill.

3.9.10

sill height

h_S

minimum vertical distance from the top of the *sill* (3.9.7) to the closest part of the deck

3.9.11

minimum sill height

h_S min

minimum value of the *sill height* (3.9.10)

Note 1 to entry: As required by this document.

3.9.12

flush deck companionway

companionway (3.9.13) fitted on a deck without a recess

3.9.13

companionway

opening intended for crew access to the accommodation and fitted with an *opening appliance* (3.2.3)

Note 1 to entry: The opening appliance can be a door, a hatch; vertical, horizontal, etc.

Note 2 to entry: There can be several companionways.

6.3.3.2, Table 4

Replace the title of Table 4 with the following:

Table 4 — Sill heights and labels for flush deck companionway hatches

Text after Table 4

Remove the following text:

For the definitions of sill, fixed sill, semi-fixed sill and how to measure sill height, ISO 11812:2020 applies.

In the case where a foot-basin is located to lower the sill height to the companionway, the drainage of the foot-basin shall comply with ISO 11812:2020 for multi-bottom recess drainage.

Figure D.6

Replace Figure D.6 with the following figure: