



BSI Standards Publication

Continuous hot-dip zinc-coated twin-roll cast steel sheet of commercial quality

National foreword

This British Standard is the UK implementation of ISO 15208:2022. It supersedes BS ISO 15208:2012, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/109, Coated and Uncoated Flat Products to be Used for Cold Forming.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2022
Published by BSI Standards Limited 2022

ISBN 978 0 580 52102 7

ICS 77.140.50

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 31 March 2022.

Amendments/corrigenda issued since publication

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

Continuous hot-dip zinc-coated twin-roll cast steel sheet of commercial quality

Tôles coulées entre cylindres et galvanisées en continu par immersion à chaud, en acier de qualité commerciale





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

Contents

Page

Foreword	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Dimensions	2
5 Conditions of manufacture	3
5.1 Steelmaking	3
5.2 Chemical composition	3
5.3 Chemical analysis	3
5.3.1 Heat analysis	3
5.3.2 Product analysis	3
5.4 Mechanical properties	4
5.5 Coating	4
5.5.1 Coating mass	4
5.5.2 Coating adherence	4
5.6 Weldability	5
5.7 Painting	5
5.8 Surface treatment	5
5.8.1 Mill passivation	5
5.8.2 Mill phosphating	5
5.8.3 Oiling	5
5.9 Coated coil joining	6
5.10 Dimensional and shape tolerances	6
6 Sampling	6
6.1 Tensile test	6
6.2 Coating tests	6
6.2.1 Coating mass	6
6.2.2 Triple-spot test	6
6.2.3 Single-spot test	6
6.2.4 Coating adherence	6
7 Test methods	7
7.1 Tensile test	7
7.2 Coating properties	7
7.2.1 Coating mass	7
7.2.2 Coating adherence	7
8 Designation system	7
8.1 General	7
8.2 Coating type	7
8.3 Coating mass	7
8.4 Coating finish condition	8
8.5 Surface treatment	8
8.6 Base-metal quality	8
8.7 Examples	8
9 Retests	9
9.1 Machining and flaws	9
9.2 Elongation	9
9.3 Additional tests	9
10 Resubmission	9
11 Workmanship	9
12 Inspection and acceptance	9

13 **Coil Size** 10

14 **Marking**..... 10

15 **Information supplied by the purchaser** 10

Annex A (normative) Orders requiring base-metal thickness 12

Bibliography 13

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 17, *Steel*, Subcommittee SC 12, *Continuous mill flat rolled products*.

This second edition cancels and replaces the first edition (ISO 15208:2012), which has been technically revised.

The main changes are as follows:

- editorial update;
- update of [Clause 3](#);
- modification of the title of [Clause 4](#).

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.