
Zinc-coated steel for the reinforcement of concrete

Aciers revêtus de zinc pour l'armature du béton



Reference number
ISO 14657:2005(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Materials	2
4.1	Reinforcing steel	2
4.2	Zinc for coating	2
4.3	Repair material	2
5	Process of manufacture (galvanizing)	2
6	Requirements for zinc-coated steel reinforcing bars, wire and welded fabric	2
6.1	Mechanical and geometrical properties	2
6.2	Zinc coating characteristics	3
7	Inspection of zinc-coated steel	3
7.1	Applicability	3
7.2	Batching	4
7.3	Test unit	4
7.4	Inspection of mechanical and geometrical properties	4
7.5	Inspection of mass of zinc per unit area	4
8	Permissible amount of damaged coating and repair of damaged coating	4
9	Packing, handling, storage, transport	5
10	Labelling	5
11	Information to be provided by the purchaser	5
Annex A	(informative) Chromate treatment of galvanized coating	6
Annex B	(normative) Test methods and retests	7
Annex C	(informative) Guidelines for site practice	11
Bibliography	12