
Glass in buildings — Insulating glass —
Part 4:
Methods of test for the physical attributes
of edge seals

Verre dans la construction — Verre isolant —

Partie 4: Méthodes d'essai pour les caractéristiques physiques des joints d'assemblage



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.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

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

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	1
3.1 Terms and definitions	1
3.2 Symbols.....	2
4 Requirements.....	2
4.1 Edge seal strength	2
4.2 Compliance with the definition of insulating glass units.....	3
5 Test methods	4
5.1 Adhesion	4
5.2 Moisture vapour transmission rate	6
5.3 Gas permeation test on film	7
6 Test report.....	8
Annex A (normative) Test specimens for adhesion test	10
Annex B (normative) Requirement for edge seal strength comparisons in case of substituting sealant	13
Annex C (normative) Method of measuring the moisture vapour transmission rate	14
Annex D (normative) Adhesion on coatings and interlayer adhesion of coatings	17
Annex E (normative) Informative tests	22
Annex F (informative) Example of a sun-simulating radiation source	23
Bibliography.....	24