ISO 12460-5:2015-11 (E)

Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method)

Contents

Page

Foreword iv

Introduction vi

1 Scope 1

2 Normative references 1

3 Principle 1

4 Reagents 1

5 Apparatus 1

6 Test pieces 3
6.1 General 3
6.2 Sampling 3
6.3 Sampling for factory production control 3
6.4 Sampling for other purposes 3

7 Procedure 3
7.1 Number of extractions 3
7.2 Determination of moisture content 3
7.3 Extraction in the perforator 4
7.4 Blank test 4
7.5 Determination of formaldehyde in the extract 4
7.5.1 General 4
7.5.2 Principle 5
7.5.3 Reagents 5
7.5.4 Analytical procedure 5
7.5.5 Calibration curve 5
7.6 Quality assurance 6

8 Expression of results 7
8.1 Moisture content 7
8.2 Perforator value 7

9 Test report 8

Annex A (normative) Perforator extraction efficiency test -- Calibration of the perforator method 13

Bibliography 14