

DIN EN ISO 12460-5:2016-05 (E)

Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method) (ISO 12460-5:2015)

Contents

	Page
European foreword	3
Foreword	4
Introduction	6
1 Scope	7
2 Normative references	7
3 Principle	7
4 Reagents	7
5 Apparatus	7
6 Test pieces	9
6.1 General	9
6.2 Sampling	9
6.3 Sampling for factory production control	9
6.4 Sampling for other purposes	9
7 Procedure	9
7.1 Number of extractions	9
7.2 Determination of moisture content	9
7.3 Extraction in the perforator	10
7.4 Blank test	10
7.5 Determination of formaldehyde in the extract	10
7.5.1 General	10
7.5.2 Principle	11
7.5.3 Reagents	11
7.5.4 Analytical procedure	11
7.5.5 Calibration curve	11
7.6 Quality assurance	12
8 Expression of results	13
8.1 Moisture content	13
8.2 Perforator value	13
9 Test report	14
Annex A (normative) Perforator extraction efficiency test — Calibration of the perforator method	19
Bibliography	20