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# INTERNATIONAL STANDARD



# 5326

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Solid wood paving blocks — Hardwood paving blocks — Quality requirements

*Blocs de pavage en bois massif — Blocs de pavage en bois feuillus — Spécifications de qualité*

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**Descriptors** : wood products, paving, solid blocks, sawn timber, broad leaved timber, materials specifications, defects.

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 5326 was developed by Technical Committee ISO/TC 99, *Semi-manufactures of timber*, and was circulated to the member bodies in July 1976.

It has been approved by the member bodies of the following countries :

Austria	Hungary	Poland
Brazil	India	Romania
Bulgaria	Italy	South Africa, Rep. of
Canada	Korea, Rep. of	Spain
Czechoslovakia	Mexico	Turkey
Germany	Norway	Yugoslavia

No member body expressed disapproval of the document.

# Solid wood paving blocks — Hardwood paving blocks — Quality requirements

## 1 SCOPE AND FIELD OF APPLICATION

1.1 This International Standard lays down the quality requirements for solid hardwood paving blocks, used for paving covered (indoor) and open (outdoor) spaces.

1.2 Paving blocks made of *Fagus sylvatica* wood are intended for use only in covered spaces.

## 2 REFERENCE

ISO 5327, *Solid wood paving blocks — General characteristics*.

## 3 QUALITY REQUIREMENTS

3.1 Paving blocks shall not contain more defects than those specified in the table.

3.2 Paving blocks containing more defects than those allowed in the table shall not be delivered under the designation "ISO solid hardwood paving blocks".

TABLE — Permissible defects

Wood or sawing defects		Acceptance conditions
Decay, suffocated wood and mould		none
Sound sapwood		permitted on the arrises of lateral faces, not exceeding 20 % of the length, of the width, of the height or of the diameter of the paving block, protected against insects
Texture, slope of grain, sound heart and sound red-heartwood		permitted
Colouring		permitted if it does not result from adulteration due to biological agents
Shakes	checks and shallow shakes	permitted
	deep	permitted on condition that they do not exceed 50 % of the paving block dimension along which they appear (length, width, height, diagonal)
	frost cracks	
	through	none
Inbark		permitted in the form of discontinuous rays if it does not appear on the faces
Knots	sound, inter-grown or burst	permitted, not exceeding 30 mm in diameter
	black, partially intergrown, dead	excluded on the face; two knots permitted on the other sides of each paving blocks, provided that they do not exceed 50 % of the width or of the diameter and that they are located at not less than 20 mm below the edges of the face
Worm holes		excluded on the face; three holes permitted on the other sides of each paving block, provided that they do not exceed 3 mm in diameter
Wane		excluded on the edges of the face; permitted on the other edges, not exceeding 20 % of the length, of the width, of the height or of the diameter of the paving block
Curly grain		permitted
Saw marks		permitted on all sides, provided that they do not exceed 2 mm in depth
Defects not mentioned		permitted provided that they do not impair the strength and the durability of the paving blocks