



MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM

"Bersekutu Bertambah Mutu"

**BRUNEI DARUSSALAM STANDARD
PIAWAI BRUNEI DARUSSALAM**

**PBD ISO 5328
ISO 5328 : 1978(E)
First edition 2010**

**SOLID WOOD PAVING BLOCKS -
SOFT WOOD PAVING BLOCKS - QUALITY REQUIREMENTS**

**MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM**

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Authority for Building Control and Construction Industry (ABCI)
Ministry of Development
Old Airport, Jalan Berakas
Bandar Seri Begawan BB 3510
Negara Brunei Darussalam

**SOLID WOOD PAVING BLOCKS – SOFT WOOD
PAVING BLOCKS – QUALITY REQUIREMENTS**

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PIAWAI BRUNEI DARUSSALAM**

PBD ISO 5328

First Edition

National Foreword

This Brunei Darussalam Standard reproduces verbatim ISO 5328: 1978(E) and implements it as the Brunei Darussalam National Standard.

This Brunei Darussalam Standard is published under the direction of the Technical Committee on Timber Standards.

Attention is drawn to the fact that this Brunei Darussalam Standard does not confer any immunity from legal obligations in any contract for compliance to the Standard.

The Brunei Darussalam Standards are subject to periodical review according to the current needs of the local industries to keep abreast of progress in the industries concerned. Suggestions of amendments will be recorded and in due course brought to the notice of the committees concerned.

Amendments issued since publication :

Amd No.	Date of Issue	Text affected

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COMMITTEE MEMBERS

The Technical Committee on Timber was entrusted by the Ministry of Development for the preparation of this Brunei Darussalam Standard. The Technical Committee members are as follows:-

- | | | |
|-----|---------------------------------|--|
| 1. | Dr. Tan Kha Sheng
(Chairman) | Universiti Brunei Darussalam |
| 2. | Mohd Shahril H.M
(Co-Chair) | Brunei Shell Petroleum Co. Sdn Bhd |
| 3. | Rosalind Khan
(Secretariat) | Authority for Building Control and
Construction Industry
Ministry of Development |
| 4. | Hamiddon Hj Md Said | Public Works Department
Ministry of Development |
| 5. | Dr. Yong Chee Tuan | Universiti Brunei Darussalam |
| 6. | Nicholas Leong Soon Kong | Brunei Shell Petroleum Co. Sdn Bhd |
| 7. | Nurzairyani Zairin | Brunei Shell Petroleum Co. Sdn Bhd |
| 8. | Zaeidi Hj Berudin | Forestry Department, Ministry of
Industry and Primary Resources |
| 9. | Noor Azam Hj Abd Rahman | Forestry Department, Ministry of
Industry and Primary Resources |
| 10. | Christopher Thien | Jurukur Bahan SPL |
| 11. | Raymond Wong | Twinwood Kilndry Treatment |
| 12. | Yapp Pow Khin | Architect 54 & Associates |
| 13. | Kent Liow | Brunei Sawmiller Association |
| 14. | Chan Hock Lay | Brunei Sawmiller Association |

INTERNATIONAL STANDARD



5328

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

**Solid wood paving blocks — Softwood paving blocks —
Quality requirements**

Blocs de pavage en bois massif — Blocs de pavage en bois résineux — Spécifications de qualité

First edition — 1978-02-15

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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 5328 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 – Softwood paving blocks – Quality requirements

1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the quality requirements for solid softwood paving blocks used for paving covered (indoor) and open (outdoor) 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 softwood paving blocks".

TABLE – Permissible defects

Wood or sawing defects		Acceptance conditions
Decay, mould		none
Pith		permitted
Slope of grain and curly grain		permitted
Colouring		permitted if it does not result from adulteration due to biological agents
Shakes	checks and shallow shakes	permitted
	deep	excluded on the face; permitted on the other sides, on condition that they do not exceed 50 % of the paving block dimension along which they appear (length, width, height, diameter, diagonal)
	frost cracks	
	through	none
	ring shakes	
Inbark		permitted in the form of discontinuous rays if it does not appear on the face
Round and oval knots	sound, intergrown or burst	permitted not exceeding 30 mm in diameter
	partially intergrown and dead	excluded on the face; two knots permitted on the other sides of each paving block, provided that they do not exceed one-third of the width or of the diameter and that they are located at not less than 20 mm below the edges of the face
Traversing splay knots including branched knots		two sound intergrown knots permitted on each paving block, each knot having a major axis not exceeding 20 mm; or one branched knot
Worm holes		excluded on the face; three holes permitted on the other sides of each paving block, provided that they do not exceed 2 mm in diameter
Wane (dull edges)		excluded on the edges of the face; permitted on the other edges, not exceeding 20 % of the length, of the width, or of the diameter of the paving block
Pitch-pockets		one-sided 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