



MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM

"Bersemita Berkhidmat"

**BRUNEI DARUSSALAM STANDARD
PIAWAI BRUNEI DARUSSALAM**

**PBD ISO 5327
ISO 5327 : 1978(E)
First edition 2010**

**SOLID WOOD PAVING BLOCKS -
GENERAL CHARACTERISTICS**

**MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM**

Copyright Reserved

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 –
GENERAL CHARACTERISTICS**

**BRUNEI DARUSSALAM STANDARD
PIAWAI BRUNEI DARUSSALAM**

PBD ISO 5327

First Edition

National Foreword

This Brunei Darussalam Standard reproduces verbatim ISO 5327: 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

CONTENTS

		Page (i)
Committee Representation		
1	Scope and Field of Application	1
2	References	1
3	Materials, Design and Manufacture.....	1
4	Required Characteristics	2
5	Protection of Wood Paving Blocks.....	2
6	Sampling	2
7	Inspection Method.....	4
8	Designation	4
9	Delivery and Marking	4

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



5327

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

Solid wood paving blocks — General characteristics

Blocs de pavage en bois massif — Caractéristiques générales

First edition — 1978-02-15

UDC 674.42 : 69.025.351.3

Ref. No. ISO 5327-1978 (E)

Descriptors: wood products, paving, solid blocks, sawn timber, specifications, shape, dimensions, dimensional tolerances, sampling, designation, delivery, marking.

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 5327 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 :

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

The member body of the following country expressed disapproval of the document on technical grounds :

Austria

Solid wood paving blocks — General characteristics

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the manufacturing characteristics, the shapes and the dimensions, the tolerances, and the inspection and delivery conditions of solid wood paving blocks used for paving covered (indoor) and open (outdoor) spaces.

The classification of paving blocks according to specific characteristics and wood defects, as well as the possible exceptions, is established in separate International Standards referring to the classification of each wood species or of each group of species.

2 REFERENCES

ISO 2036, *Wood for manufacture of wood flooring — Symbols for marking according to species.*

ISO 2859, *Sampling procedures and tables for inspection by attributes.*

ISO 3130, *Wood — Determination of moisture content for physical and mechanical tests.*

ISO 5329, *Solid wood paving blocks — Vocabulary.*

3 MATERIALS, DESIGN AND MANUFACTURE

3.1 Solid wood paving blocks are made from any species of wood (hardwood, softwood) having the required characteristics after impregnation.

3.2 Paving blocks are made from barked timber. Cylindrical paving blocks are generally made from round timber or from middle round pieces produced by rotary cutting of timber.

3.3 Solid wood paving blocks may be used only when protected, by impregnation, against premature deterioration, or against damage caused by the attack of insects or xylophagous fungi.

3.4 Unless otherwise agreed upon between the interested parties, solid wood paving blocks shall have the shapes and the dimensions specified in clause 4.

3.5 The face of solid wood paving blocks shall be smooth, with sharp edges, without fibres or chips pulled out, with the exceptions provided for in the individual International Standards relevant to the grades of products.

3.6 The longitudinal axis of solid wood paving blocks shall be perpendicular to the face and back of the block.

3.7 The wear layer of the pavement is composed of the surfaces on which the cross-sections of paving block wood appear.