



Timber Trade Federation
growing the use of wood

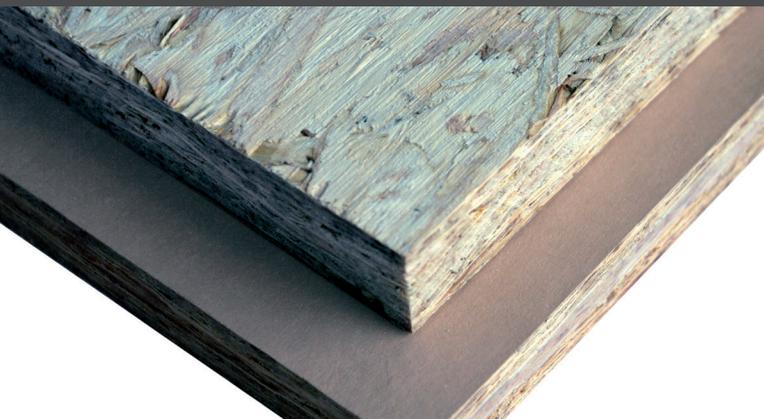
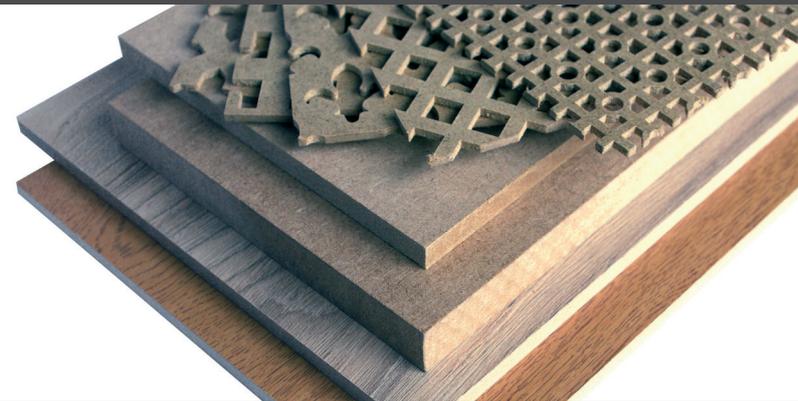
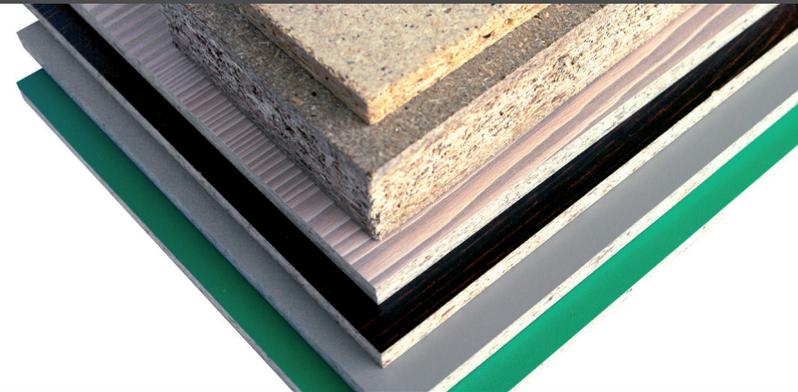


The leading authority on wood

WOOD
PANEL
INDUSTRIES
FEDERATION

Panel Guide

Version 4.1



PanelGuide Version 4.1
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Previous editions are listed in Annex 4 of the PanelGuide

This is a technical book for professionals in the built environment sector. While every effort is made to ensure the accuracy of the advice given, the project partners cannot accept liability for loss or damage however caused arising from the use of the information supplied

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Preface

PanelGuide gives the panel user and specifier guidance and information on the use of wood-based panels in an authoritative and comprehensive manner.

It covers all the main types of wood-based panel:

- plywood (including blockboard and laminboard)
- particleboard (chipboard, flaxboard, cement-bonded particleboard)
- oriented strand board (OSB)
- fibreboard (hardboard, mediumboard, softboard)
- medium density fibreboard (MDF).

PanelGuide gives information on the properties of each of these products and guidance on their application in a range of end uses, separated into construction and non-construction, including the following:

Construction	Non-construction
<ul style="list-style-type: none"> • suspended floors • floating floors • raised access floors • overlays • roofs – flat, pitched • wall sheathing • formwork • cladding, fascias and soffits • architectural mouldings • internal linings, partitions • doorskins 	<ul style="list-style-type: none"> • furniture • industrial uses • shopfitting • packaging • transport • agricultural • manufacturing

It also explains the current legislation (UK and European) affecting the use of wood-based panels in the UK construction industry and the design/decision-making

process involved in selecting a panel for a specific end use.

PanelGuide is aimed at construction professionals (specifiers, designers, building engineers, architects), panel manufacturers, distributors and users. It is intended to be used as a reference source for all types of wood-based panel, giving information quickly and in a simple and concise form as and when it is required. The information can be read on screen or printed out. No part of this publication may be reproduced without prior permission and acknowledgement of the copyright holders.

This is Version 4.1 (V4) of PanelGuide, which supersedes Version 4. The main changes are to Section 2 and Annex 3.

In the UK where an EN (European Norm) replaces a BS (British Standard) the ENs are published as BS ENs. Where there is a reference to BS this refers to a standard that is a British Standard only. All standards cited are undated and readers should refer to the BSI website for the current versions: <http://shop.bsigroup.com/>

This guide is prepared as a collaborative project between the Wood Panel Industries Federation, National Panel Products Division (a division of the Timber Trades Federation), and BM TRADA, on behalf of the Timber Research and Development Association (TRADA). The contribution of the Building Research Establishment Limited to previous versions of PanelGuide is gratefully acknowledged.