



# ISO Form 4

## NEW WORK ITEM PROPOSAL (NP)

<b>Circulation date:</b> 2025-06-10	<b>Reference number:</b> ISO/NP 25982  ISO/TC 296  N 207
<b>Closing date for voting:</b> 2025-09-02	
<b>Proposer</b> SAC	
<b>Secretariat</b> SAC	

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee.

A proposal for a new project committee shall be submitted to the Central Secretariat, which will process the proposal in accordance with ISO/IEC Directives, Part 1, Clause 2.3.

Guidelines for proposing and justifying new work items or new fields of technical activity (Project Committee) are given in ISO/IEC Directives, Part 1, Annex C.

**IMPORTANT NOTE:** Proposals without adequate justification and supporting information risk rejection or referral to the originator.

☒ The proposer confirms that this proposal has been drafted in compliance with Annex C of ISO/IEC Directives, Part 1.

### PROPOSAL

(to be completed by the proposer, following discussion with committee leadership if appropriate)

<p><b>TITLE</b></p> <p><b>English title:</b></p> <p>Bamboo veneer</p> <p><b>French title:</b></p> <p>Placage de bambou</p> <p><i>(In the case of an amendment, revision or a new part of an existing document, show the reference number and current title)</i></p>
<p><b>SCOPE</b></p> <p>This document specifies the terms and definitions, technical requirements, test methods and requirements for the handling, storage, packaging and marking of bamboo veneer. This standard is applicable for bamboo veneer made by rotary cutting, slicing and sawing.</p>
<p><b>PURPOSE AND JUSTIFICATION</b></p> <p>Bamboo veneer is extensively utilized in the processing of bamboo products and the interior decoration industry. It can be crafted into various forms, such as bamboo plywood templates, bamboo plywood, flooring for automobile compartments, and other bamboo-based panels, and also serves as an excellent surface finish for flooring, furniture, and decorative materials. This material enjoys widespread popularity among consumers globally and has substantial trade in China, North America, Europe, the Middle East, Japan, South Korea, and Australia, with an annual trading volume of approximately 100 million square meters and a total output value exceeding 3 billion U.S. dollars. Nowadays, the bamboo veneer industry is experiencing robust growth. However, due to the absence of uniform international standards, discrepancies exist among countries in their criteria and requirements for bamboo veneer products, resulting in identical products receiving different judgments in different countries, leading to numerous manufacturers facing product returns and sparking trade disputes in international commerce. Moreover, there is an escalating demand for higher standards in bamboo veneer design, manufacturing, quality, and testing methods, driven by the increasing expectations of consumers. Therefore, establishing consistent global standards for bamboo veneer is crucial, which would ensure that countries evaluate the performance of bamboo veneer using standardized methods and indicators. The development of international standards for bamboo veneer holds significant importance in guaranteeing product quality, facilitating international trade, protecting consumer rights, standardizing the market, and fostering the healthy growth of the global bamboo veneer industry. By the way, the increase of international trade on bamboo veneer can promote more and more countries to reduce plastic pollution and combat climate change, which can accelerate the implementation of the active act of the United Nations in 2030 Sustainable Development Aired agenda.</p>
<p><b>Sustainable Development Goals (SDGs)</b></p> <p>Goal 1: No Poverty Establishing a clear quality and performance framework helps increase market demand, secure livelihoods in bamboo-producing regions, and enhance income stability in developing areas.</p> <p>Goal 3: Good Health and Well-Being for People The standard can include requirements or recommendations for low-VOC (volatile organic compound) adhesives and coatings, contributing to healthier indoor air quality and safer working conditions.</p> <p>Goal 9: Industry, Innovation, and Infrastructure The standard supports innovation by encouraging research and industrial application of bamboo veneer in modern manufacturing and infrastructure.</p> <p>Goal 11: Sustainable Cities and Communities It promotes the use of sustainable, aesthetic, and durable materials in buildings and public spaces, aligned with green building practices.</p> <p>Goal 12: Responsible Consumption and Production The standard supports responsible production practices, promotes efficient resource use, and encourages the use of renewable materials in place of threatened hardwood species.</p>

Goal 13: Climate Action

Promoting bamboo veneer helps reduce reliance on high-carbon materials and supports climate-friendly product alternatives in construction and furniture industries.

**Preparatory work**

- ☒ A draft is attached      ☐ An outline is attached      ☐ An existing document serving as the initial basis is attached

The proposer is prepared to undertake the preparatory work required:

- ☒ Yes      ☐ No

**If a draft is attached to this proposal:**

Please select from one of the following options:

- ☒ The draft document can be registered at Preparatory stage (WD – stage 20.00)  
☐ The draft document can be registered at Committee stage (CD – stage 30.00)  
☐ The draft document can be registered at enquiry stage (DIS – stage 40.00)

If the attached document is copyrighted or includes copyrighted content:

- ☐ The proposer confirms that copyright permission has been granted for ISO to use this content in compliance with the ISO/IEC Directives, Part 1 (see also the Declaration on copyright).

**Is this proposal for an ISO management System Standard (MSS)?**

- ☐ Yes      ☒ No

Note: If yes, this proposal must have an accompanying justification study. Please see the Consolidated Supplement to the ISO/IEC Directives, Part 1, Annex SL or Annex JG

**Indication of the preferred type to be developed**

- ☒ International Standard      ☐ Technical Specification  
☐ Publicly Available Specification \*

\* While a formal NP ballot is not required to start developing a PAS (no eForm04), the NP form may provide useful information for the committee P-members to consider when deciding to initiate a Publicly Available Specification.

**Proposed Standard Development Track (SDT – to be discussed by the proposer with the committee manager or ISO/CS)**

- ☐ 18 months      ☐ 24 months      ☒ 36 months

<b>Draft project plan (as discussed with committee leadership)</b> Proposed date for first meeting: <a href="#">2025-11-06</a> Dates for key milestones: Circulation of 1st Working Draft (if any) to experts: <a href="#">2025-09-14</a> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>Committee Draft consultation (if any):</span> <span><a href="#">2027-03-03</a></span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>DIS submission*:</span> <span><a href="#">2027-10-27</a></span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>Publication*:</span> <span><a href="#">2028-04-25</a></span> </div> <p style="font-size: small; margin-top: 10px;">* Target Dates for DIS submission and Publication should be set a few weeks ahead of the limit dates automatically determined when selecting the SDT.</p> <p style="font-size: small; margin-top: 10px;">NOTE: <a href="#">ISO/Meetings</a> and <a href="#">ISO/Projects</a> allow you to register and continuously update the meeting dates and project target dates during the development of the project.</p>	
<b>Known patented items (see ISO/IEC Directives, Part 1 for important guidance)</b> <div style="display: flex; align-items: center; margin-top: 5px;"> <input type="checkbox"/> Yes         <input checked="" type="checkbox"/> No       </div> <p style="font-size: small; margin-top: 10px;">If "Yes", provide full information as annex</p>	
<b>Co-ordination of work:</b> To the best of your knowledge, has this or a similar proposal been submitted to another standards development organization? <div style="display: flex; align-items: center; margin-top: 5px;"> <input type="checkbox"/> Yes         <input checked="" type="checkbox"/> No       </div> <p style="font-size: small; margin-top: 10px;">If "Yes", please specify which one(s):</p>	
<b>Listing of relevant documents (such as standards and regulations) at international, regional and national level</b> <div style="margin-top: 10px;"> <a href="#">ISO 9426, Wood-based panels - Determination of dimensions of panels</a> <a href="#">ISO 12460-1, Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the 1-cubic-metre chamber method</a> <a href="#">ISO 12460-3, Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method</a> <a href="#">ISO 12460-4, Wood-based panels - Determination of formaldehyde release - Part 4: Desiccator method</a> <a href="#">ISO 12460-5, Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method)</a> <a href="#">ISO 16979, Wood-based panels - Determination of moisture content</a> <a href="#">ISO 21625, Vocabulary related to bamboo and bamboo products</a> </div>	
<b>Identification and description of relevant affected stakeholder categories (Please see ISO CONNECT)</b>	
<b>Industry and commerce - large industry</b>	<b>Benefits/Impacts/Examples</b> <a href="#">Improve their management capacity, as well as stabilize and improve bamboo veneer quality. Hangzhou ZhuangYi Furniture Co., Ltd</a>
<b>Industry and commerce - SMEs</b>	<a href="#">Improve their management capacity, as well as stabilize and improve bamboo veneer quality. Hangzhou He'en Bamboo Industry Co., Ltd.</a>
<b>Government</b>	<a href="#">Promote more and more countries to reduce plastic pollution and combate climate change, which can accelerate the implementation of the active active act of the United Nations in 2030 Sustainable Development Aired agenda. On the other hand, to offer scientific and standardized method to evaluation the products quality and expand the size of the market. China, India, Nepal, Viet Nam, Malaysia, Colombia, and Philippines etc.</a>
<b>Consumers</b>	<a href="#">Be offered bamboo veneer with high-quality, safety, and</a>

	eco-friendly. Reducing plastic pollution and combating climate change. Franch, Netherland, United states, and Australia etc.	
<b>Labour</b>	Improve the production efficiency and products quality. Increase income and reduce poverty. China, India, Nepal, Viet Nam, Malaysia, Colombia, and Philippines etc.	
<b>Academic and research bodies</b>	Increase income and reduce poverty. scientific and standardized method to evaluation the products quality and expand the applications of bamboo. International Network for Bamboo and Rattan (INBAR)	
<b>Standards application businesses</b>	Enhance mutual communications, promote the international trade, provide market access for bamboo veneer. Hangzhou ZhuangYi Furniture Co., Ltd. Hangzhou He'en Bamboo Industry Co., Ltd. Jiangxi Benbo Technology Development Co., Ltd.	
<b>Non-governmental organizations</b>	Offer scientific and standardized method to evaluation the products quality and expand the applications of bamboo. International Network for Bamboo and Rattan (INBAR); China Bamboo Industry Association; Zhejiang Bamboo flooring Industry Association etc.	
<b>Other (please specify)</b>		
<b>Liaisons:</b> A listing of relevant external international organizations or internal parties (other ISO and/or IEC committees) to be engaged as liaisons in the development of the deliverable.  International Network for Bamboo and Rattan (INBAR)	<b>Joint/parallel work:</b>  <b>Possible joint/parallel work with:</b> <input checked="" type="checkbox"/> IEC (please specify committee ID) ISO/TC 89 <input type="checkbox"/> CEN (please specify committee ID) <input type="checkbox"/> Other (please specify)	
<b>A listing of relevant countries which are not already P-members of the committee.</b>   Note: The Committee Manager shall distribute this NP to the ISO members of the countries listed above to ask if they wish to participate in this work		
<b>Proposed Project Leader</b> (name and e-mail address)  Yanjun Li lalyj@njfu.edu.cn	<b>Name of the Proposer</b> (include contact information)  XIAO Han sac_82261017@126.com	

**This proposal will be developed by:**

- ☒ An existing Working Group: [ISO/TC 296/WG 5 Bamboo for Furniture](#)
- ☐ A new Working Group:

(Note: establishment of a new Working Group requires approval by the parent committee)

- ☐ The TC/SC directly
- ☐ To be determined:

**Supplementary information relating to the proposal**

- ☒ This proposal relates to a new ISO document
- ☐ This proposal relates to the adoption as an active project of an item currently registered as a Preliminary Work Item
- ☐ This proposal relates to the re-establishment of a cancelled project as an active project

Other:

**Maintenance agencies (MA) and registration authorities (RA)**

- ☐ This proposal requires the designation of a maintenance agency. If so, please identify the potential candidate:
- ☐ This proposal requires the designation of a registration authority. If so, please identify the potential candidate:

NOTE: Selection and appointment of the MA or RA are subject to the procedure outlined in ISO/IEC Directives, Part 1, Annex G and Annex H.

- ☒ Annex(es) are included with this proposal (provide details)

[Bamboo veneer international standard draft and general introduction](#)

**Additional information/question(s)**