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AMENDMENT 1
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Plywood — Bonding quality — Part 1: Test methods

AMENDMENT 1

Contreplaqué — Qualité du collage — Partie 1: Méthodes d'essais
AMENDEMENT 1



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The committee responsible for this document is ISO/TC 89, *Wood based panels*, Subcommittee SC 3, *Plywood*. Amendment 1 to ISO 12446-1:2007 was prepared following the systematic review of the International Standard, in order to give a description of illumination requirements for evaluation of cohesive wood failure and the procedure for drying the test pieces.

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Page 5, Clause 4

Add the following new subclause:

4.3 Evaluation

Light source fitted with a minimum clear incandescent 150 W lamp or 15 W fluorescent tube. If a fluorescent tube is used, a dual, cool, white, and daylight tube is recommended.

Page 6, 6.2

Delete the first paragraph and replace it with the following:

The test pieces shall be dried before determination of apparent cohesive wood failure.

NOTE 1 Drying is commonly accomplished in an oven at temperature between 60 °C and 100 °C for 24h.

For evaluation, test pieces shall be well lit with oblique light source (see 4.3) to show the full wood failure.

NOTE 2 The optimum angle of the incidence of the illumination should be 10° to 15°.

NOTE 3 The light source, if incandescent, should be placed so that the lamp is between 125 mm and 275 mm from the test pieces or if fluorescent, the tube is between 25 mm and 75 mm from the test pieces.

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