

Technical Construction File (TCF)

ON BEHALF OF

ONE MAY DEE SHOW FURNITURE CO., LTD.

Wooden Door

Prepared For : ONE MAY DEE SHOW FURNITURE CO., LTD.
Laomiao Village, Dacheng Town, Sanyuan County,
Xianyang City, Shaanxi Province, China.

Prepared By : OCT TECHNOLOGY TESTING CO., LTD.
Unit 1103-2, Yuefang Center Huangge Sub-district,
Nansha District, Guangzhou City

Date of Test : Aug 30-Sep 03,2025
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Technical Construction File (TCF)

EN 14351-2

Windows and doors - Product standard, performance characteristics - Part 2: Internal pedestrian doorsets

Testing laboratory	Oct Technology Testing Co., Ltd.
Address	Unit 1103-2, Yuefang Center Huangge Sub-district, Nansha District, Guangzhou City
Report body.....	Oct Technology Testing Co., Ltd.
Address	Unit 1103-2, Yuefang Center Huangge Sub-district, Nansha District, Guangzhou City
Applicant	ONE MAY DEE SHOW FURNITURE CO., LTD.
Address	Laomiao Village, Dacheng Town, Sanyuan County, Xianyang City, Shaanxi Province, China.
Standard	EN 14351-2:2018
Test Result	Compliance with EN 14351-2:2018
Procedure deviation	N.A.
Non-standard test method	N.A.
Trademark.....	N.A.
Type of test object	Wooden Door
Model/type reference	DV301,DV303,DV308,DV310,DV311,DV315,DV317,D318,DV319,DV322,DV323,DV330,DK101,DK105,DK107,DK109,DK110,DK116,DK119,DK125,DK150,DK158,DM001,DM006,DM008,DM009,DM010,DM012,DM013,DM017,DM018,DM022
Manufacturer	ONE MAY DEE SHOW FURNITURE CO., LTD.
Address	Laomiao Village, Dacheng Town, Sanyuan County, Xianyang City, Shaanxi Province, China.

General remarks

This report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item(s) tested.

"(see appended table)" refers to a table appended to the report.

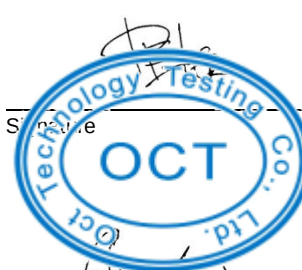
"(see remark #)" refers to a remark appended to the report.

"(see Annex #)" refers to an annex appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

Remark:**Photos view:**

(See appendix 1)

Possible test case verdicts :	
test case does not apply to the test object	: N (.A.)
test object does meet the requirement	: P(ass)
test object does not meet the requirement	: F(ail)
Name and address of the testing laboratory: <u>Oct Technology Testing Co., Ltd.</u> Unit 1103-2, Yuefang Center Huangge Sub-district, Nansha District, Guangzhou City	
Reported by : _____  Signature	_____ Sep 03,2025 Date
Approved by : _____  Signature	_____ Sep 03,2025 Date

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
4	Product characteristics		P
4.1	General		P
	For each characteristic this standard identifies the means of their determination and the ways to express the results.		P
4.2	Release of dangerous substances (only for emissions into indoor air impact) (for intended use a, b and c)		P
	National regulations on dangerous substances may require verification and declaration on release and sometimes content when construction products covered by this standard are placed on those market. In the absence of European harmonised test methods, verification and declaration on release/content should be done taking into account national provisions in the place of use.		P
4.3	Impact resistance (where relevant, only for glazed doors with injury risks) (for intended use a, b and c)		P
4.3.1	Glazed doors	Wooden Door	N
	Impact resistance of glazed doors with injury risk is the ability of a doorset to keep in place glazed parts.		N
	Where safety glass is included, the following standards apply according to the type of glass: EN 14449, or EN 12150-2 or EN 14179-2. The safe breaking performance (fracture behaviour) is covered by EN 12600.		N
	When tested in accordance to 5.3, the results are expressed according to EN 13049:2003, Clause		N

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	8.		
4.3.2	Unframed glass doorsets	Wooden Door	N
	Glass used for unframed glass internal pedestrian doorsets shall either not break or break as defined in EN 12600:2002, Clause 4.		N
4.4	Height (for intended use a, b and c)	2150mm	P
4.5	Reaction to fire		P
4.5.1	Reaction to fire of components (for intended use a, b and c)		P
	Reaction to fire is the response of components of doorset in contributing by their own decomposition to a fire to which they are exposed, under specified conditions.		P
4.5.2	Reaction to fire of the doorset		P
4.6	Direct airborne sound insulation index (only for uses where acoustic performance is required) (for intended use b)		P
	Direct airborne sound insulation for internal pedestrian doorsets is the ability of internal pedestrian doorsets to insulate against direct airborne noise. The acoustic performance of the doorset, shall be determined according to either the provisions in 5.6.1 (reference method) or, as an alternative determine the sound insulation of operable internal pedestrian doorsets according to 5.6.2.		P
4.7	Operating forces (only for automatic devices and only for internal landing communication doors and doors for special uses and specific requirements) (for intended use b)		P
	These operating forces are forces exerted by the door leaf of power operated doorsets and only		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	relevant for doorsets with automatic devices such as internal landing communication doorsets and/or doorsets for special uses.		
4.8	Thermal transmittance [only for uses where thermal insulation performance is required) (for intended use b)		P
	Thermal transmittance values are used to evaluate heat flow due to temperature changes between adjacent areas. The thermal transmittance shall be determined in accordance with either the provisions in 5.8.1 (reference method) or, as an alternative according to 5.8.2 or 5.8.3.		P
4.9	Air permeability (only for uses where air permeability performance is required for specific use with specific requirements) (for intended use b)		P
4.10	Ability to release (to open) (only for locked doors in escape routes) (for intended use a)		P
	Ability to release (to open) is the capability of internal pedestrian doorsets to open in case of emergency.		P
	The ability to release (to open) shall be ensured by using building hardware complying with EN 179, EN 1125, EN 1935, EN 1154 or EN 13637:2015. The (positive) result obtained by the method given in 5.10 is expressed as "opens".	Comply with EN 13637:2015	P
4.11	Durability		P
4.11.1	Durability of air permeability against ageing/degradation for specific use with specific		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	requirements (for intended use b]: The durability of this characteristic depends on the gaskets.		
4.11.2	Durability of operating forces (safety in use) against ageing/degradation (only for automatic devices and only for internal landing communication doors and doors for special uses with specific requirements) (for intended use b)Only when power operated doorsets are safeguarded by limitation of forces against impact hazards the durability of operating forces against ageing and degradation shall be tested according to 5.11.2.		P
4.12	Width	910mm	P
	The width is the clear opening width of internal pedestrian doorsets (see Annex D - Dimension A). When measured according to 5.12, it shall be expressed in mm and the tolerance shall be given.For double leaf doorsets, the width of the clear opening shall be expressed with two values using the width of the clear opening of the primary leaf width and the total width of the clear opening.		P
4.13	Manual operating forces		P
	Determination of manual operating forces is the determination of the opening or closing forces needed to start the motion of the door leaf.		P
4.14	Mechanical strength		P
	Internal pedestrian doorsets shall mechanically withstand wear and tear in the intended use for the designed working life.		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	The mechanical strength has to be tested according to 5.14 and the results shall be expressed in accordance with EN 1192.		P
4.15	Bullet resistance		P
	The bullet resistance of an internal pedestrian doorset has to be tested according to 5.15 and it shall be classified in accordance with EN 1522.	Comply with EN 1522	P
4.16	Explosion resistance		P
4.17	Resistance to repeated opening and closing		P
	Internal pedestrian doorsets shall withstand opening and closing for their designed working life.		P
	The resistance of an internal pedestrian doorset to repeated opening and closing shall be tested in accordance with 5.17 and shall be expressed in accordance with EN 12400.		P
4.18	Behaviour between two different climates		P
	Internal pedestrian doorsets installed between two different climates shall remain stable for their designed working life to avoid operational problems due to possible deformations. The behaviour of the doorset between two different climates shall be tested according to 5.18 and the result expressed in accordance with EN 12219. Depending on the orientation of the specimen during the test the result may differ. The manufacturer shall mention either both results or the orientation used.		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
4.19	Burglar resistance		P
	The burglar resistance of an internal pedestrian doorset is the ability to resist intrusion.		P
4.20	Safety requirements for power operated pedestrian hinged doorsets		P
	The safety requirements for power operated pedestrian hinged doorsets are given in EN 16005:2012,4.6.1, 4.6.3, and 4.6.4. The test shall be carried out in accordance with 5.20.		P
4.21	Ventilation		P
	Ventilation is the ability of the internal pedestrian doorsets to ensure ventilation between two adjacent rooms.		P
5	Testing, assessment and sampling methods		P
5.1	General		P
	Internal pedestrian doorsets characteristics included in Clause 4 can be verified by the following methods.		P
5.2	Release of dangerous substances (only for emissions into indoor air impact) (for intended use a, b and c) See 4.2.		P
5.3	Impact resistance (where relevant, only for glazed doors with injury risks) (for intended use a, b and c)		P
5.4	Height (for intended use a, b and c)	2150mm	P
5.5	Reaction to fire		P
	The reaction to fire test shall be carried out in accordance with the test method depending on the class claimed by the manufacturer (see Annex F).		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
5.6	Direct airborne sound insulation index (only for uses where acoustic performance is required) (for intended use b)		P
5.7	Operating forces (only for automatic devices and only for internal landing communication doors and doors for special uses) (for intended use b)		P
	Operating forces are tested according to EN 16005:2012, 4.6.7.		P
	Power operated doorsets are assessed according EN 16005:2012, 4.6.3 and 4.6.7. In addition protective devices are assessed following EN 16005:2012, Annex C (Figure C.4 and Figure C.5).		P
5.8	Thermal transmittance [only for uses where thermal insulation performance is required) (for intended use b)		P
5.9	Air permeability (only for uses where air permeability performance is required for specific use with specific requirements) (for intended use b)		P
	This performance shall be either measured in accordance with EN 1026:2016 (reference method) or for door types defined hereafter it can be evaluated as Class A according to EN 12207.		P
5.10	Ability to release (to open) (only for locked doors in escape routes) (for intended use a)		P
	The ability of the internal pedestrian doorset to open shall be assessed based on technical drawings and based on the correspondence of		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	each hardware component to their relevant standard. If necessary, it shall be checked on the complete doorset.		
5.11	Durability		P
5.11.1	Durability of air permeability against ageing/degradation (for intended use b)		P
5.12	Width		P
	The width of the clear opening within the frame of the doorset (Dimension A as in Figure D.1) shall be measured using a class II accuracy calibrated apparatus (2004/ 22/EC).		P
5.13	Manual operating forces		P
	Manually operated internal pedestrian doorsets are tested in accordance with EN 12046-2. Internal pedestrian doorsets fitted with door closing devices shall be tested with the closing devices engaged and set up to the manufacturer 's instruction.		P
5.14	Mechanical strength		P
5.15	Bullet resistance		P
	The internal pedestrian doorset shall be tested in accordance with EN 1523.	Comply with EN 1523.	P
5.16	Explosion resistance		P
	The internal pedestrian doorset shall be tested for shock tube in accordance with EN 13124-1.	Comply with EN 13124-1	P
5.17	Resistance to repeated opening and closing		P
	The internal pedestrian doorset shall be tested in accordance with EN 1191.	Comply with EN 1191	P
5.18	Behaviour between two different climates		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
	A climate test on internal pedestrian doorset shall be carried out in accordance with EN 1121.	Comply with EN 1121	P
	The test specimen should be conditioned before and between each test according to EN 1121 and EN 1294 in a standard climate (temperature and humidity). Duration and climate of conditioning should be recorded in the test report.		P
5.19	Burglar resistance		P
	The internal pedestrian doorset shall be tested in accordance with EN 1628, EN 1629 and EN 1630.		P
5.20	Safety requirements for power operated pedestrian hinged doorsets		P
	The safety requirements for power operated pedestrian hinged doorsets shall be tested following EN 16005:2012, Clause 5.		P
5.21	Ventilation		P
	Test for determining the performance of ventilation of an internal pedestrian doorset shall be carried out according to EN 13141-2. Joints and openings not subject to testing shall be taped over.		P
6	Assessment and verification of constancy of performance - AVCP		P
6.1	General		P
6.2	Type testing		P
6.2.1	General		P
6.2.2	Test samples, testing and compliance criterion		P
6.2.3	Test reports		P
6.2.4	Shared other party results,		P

EN 14351-2			
Clause	Requirement – Test	Result - Remark	Verdict
6.2.5	Cascading determination of the product type results		P
6.3	Factory production control (FPC)		P
6.3.1	General		P
6.3.2.	Requirements		P
6.3.3.	Product specific requirements		P
6.3.4	Initial inspection of factory and of FPC.		P
6.3.5	Continuous surveillance of FPC (only for products covered by AVCP system 1).		P
6.3.6	Procedure for modifications.		P
7	Marking, Labelling and packaging		P
	The manufacturer shall provide information to ensure the link between the product, the manufacturer and the production. This information shall either be contained on a product label or detailed in accompanying documents or in the manufacturer's published technical specification(s). Information about characteristics, intended use, handling, installation, maintenance and care (see Annexe E) shall either be contained on a product label or detailed in accompanying documents or in the manufacturer's published technical specification(s).		P
	Where regulatory marking provisions require information on some or all items listed in this clause, the provisions of this clause concerning those common items are deemed to be met. The manufacturer shall provide information about maintenance and the replaceable parts (e.g. gaskets).		P

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Clause	Requirement – Test	Result - Remark	Verdict
	For power operated doors additional information as described in EN 16005:2012, 4.2 shall be provided. Power operated doors shall be marked visibly, legibly and indelibly with the following minimum particulars:		P
	-business name and full address of the manufacturer and, where applicable, his authorized representative;		P
	mandatory marking;		P
	-the year of construction, that is the year in which the manufacturing process is completed;	202507	P
	-designation of the product;		P
	-designation of series or type, if any;	D-0x type	P
	-serial or identification number, if any;		P
	-rating information (mandatory for electrical products: voltage, frequency, power, etc.).	Wooden Door	N
	When regulatory marking covers the same information listed above, the provisions of this clause are met.		P
	The instructions for use give the A-weighted emission sound pressure level in the vicinity of these products when it is more than 70 dB or, which will generally be the case, indicate that this level is less than or equal to 70 dB. .	<70 dB	P

Appendix 1
Photo of EUT



编号: DM-010
颜色: 北美红橡