

XPR



20MIL
WEAR LAYER

STANDARDS 2.0

Step onto brilliance

Modern, waterproof and project ready. Its clean look and affordability

lays the smartest choice under your feet.

XPR + PAD

XTREME POLYMER RIGID CORE
100% WATERPROOF



PARKAY FLOORS®

COLLECTION COLORS

BASEL OAK



BREMEN GRAY



OSLO BROWN



VERONA WHITE



WISMAR OAK

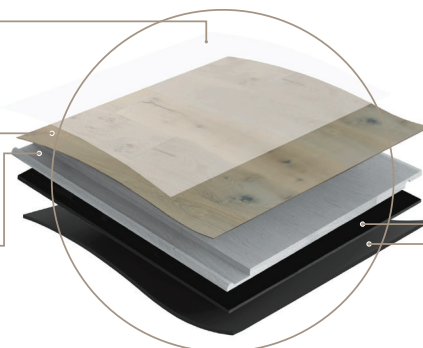


XPR + PAD

PROTECTIVE
WEAR LAYER
(0.5mm / 20MIL)

DECORATIVE
HD LAYER

STONE
COMPOSITE CORE



BACKING
LAYER

EVA PAD
(1.0mm)

SPECS

- PLANK WIDTH 7"
- PLANK LENGTH 48"
- PLANK THICKNESS 5 mm
- WEAR LAYER 0.5mm / 20MIL



INFO & LIVE



100%
WATERPROOF



PHthalates
FREE NO VOC



ANGLE
CLICK



1MM PAD
ATTACHED



CERAMIC
BEADS FINISH



WOOD
GRAIN



SQUARE
EDGES



REGISTERED
CRISTAL FINISH



25 YEARS
WARRANTY

ACCESSORIES



T-Molding (TM)



Multi-purpose (MP)

XPR STANDARDS 2.0

XTREME POLYMER RIGID CORE
WATERPROOF



20MIL
WEAR LAYER

XPR + PAD



Basel Oak



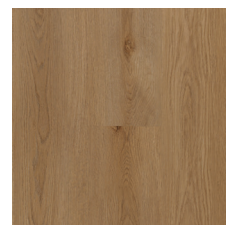
Oslo Brown



Bremen Grey



Verona White



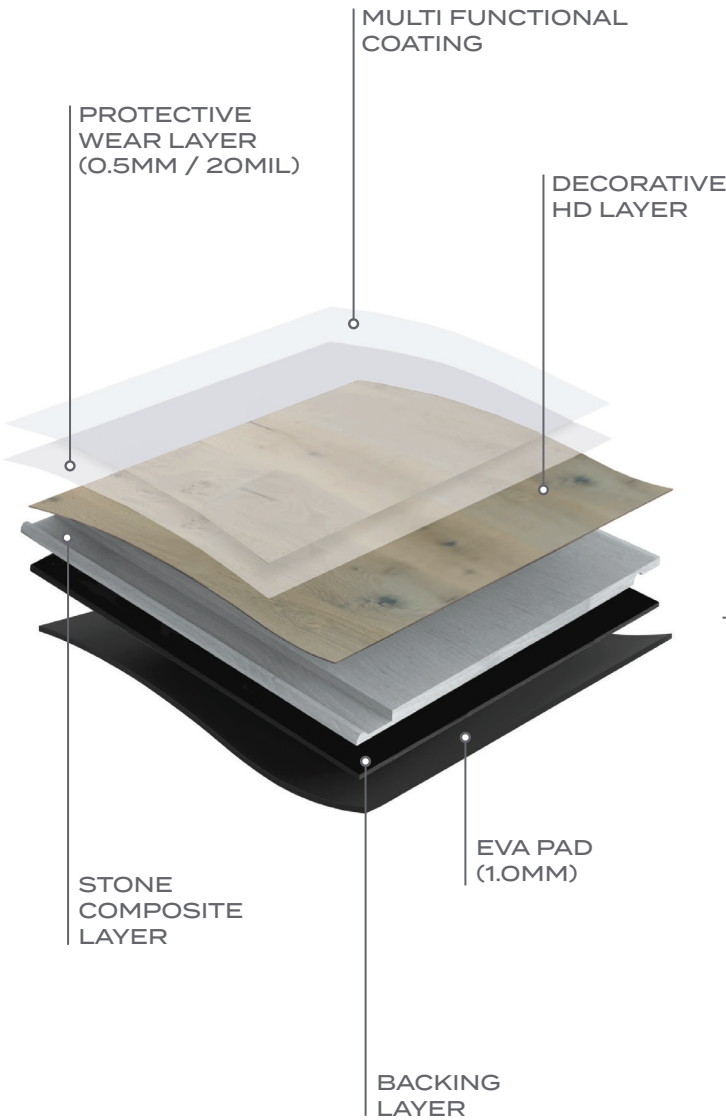
Wismar Oak



XPR STANDARDS 2.0

→

20MIL
WEAR LAYER



✓

XPR
+
PAD

- 100%
WATERPROOF
- PHTHALATES
FREE
- 1MM PAD
ATTACHED
- UNILIN ANGLE
CLICK
- WOOD
GRAIN
- SQUARE
EDGES
- MULTI FUNCTION
COATING
- 7 YEARS
WARRANTY

INSTALLATION INSTRUCTIONS

1. Read Parkay Floors® installation instructions before beginning.
2. Product cannot be used for exterior applications.
3. PARKAY XPR FLOORING has a patented locking system making it ideal for a floating installation. This product must be glued down using a pressure sensitive adhesive, when used for light traffic commercial applications.
4. Avoid constant exposure to excessive temperatures or direct sunlight for extended periods of time, as this might cause planks to peak, separate or decolorate. Please consider these exposures when choosing your product. Parkay Floors® recommends the use of windows shades, to protect your floor from direct sunlight for long periods.
5. PARKAY XPR FLOORING does not need to be acclimated if stored and installed in a temperate-controlled environment, maintained between 60°F and 85°F. Additional acclimation must be considered when temperatures mentioned above are not met. Store flat and fully supported during shipping and storage. It is not necessary to remove material from packaging while acclimating. Allow the product to condition in the room where installation is to take place if not maintained at a constant temperature between 60°F and 85°F or 18°C – 29°C, for a period of 48 hours prior to installation.
6. Slight variations in color and grain patterns are designed to enhance the natural appearance of the product. Mixing the planks creates a more uniform appearance. Make sure to shuffle planks from different cartons prior to installation.
7. Check PARKAY XPR FLOORING for possible defects prior to the installation. Complaints can only be accepted prior to installation. Parkay Floors® will not be responsible, or will compensate for any installation, if the floor was installed having an obvious or even a minor visual defect. Double check that the selected color coordinates with your initial sample and that the color name corresponds with the agreed order.
8. Unless PARKAY XPR is installed by using a Glue down installation method, performing a floating installation for the following use cases may present stress and compromise the locking system:
 - A. Areas where walkers, wheelchairs (i.e.), residential and or with extended care use.
 - B. Facilities with movement of heavy displays, racks, office chairs, dentist chairs, etc.
9. Parkay Floors® strongly recommends the final customer verify the chosen product in person prior to installation, since claims can not be brought up in regards to color, product name or design after the material has been installed.
10. Entryways must always be covered with walk off mats and rolling chairs with chair mats.
11. Moisture content on the subfloor must not exceed 5 lbs./1000ft²/24-hr (ASTMF2170), for this product to be installed.
12. Always cover furniture feet/legs with proper materials, such felt pads or similar fabric products.
13. Fixed cabinets or heavy objects cannot be installed over the floor when performing a floating installation.
14. Do not install this product over carpet.
15. Underlayment is not necessary for collections carrying an attached underlayment.
16. Transition moldings are required to separate any area exceeding 2,500 square feet or 50 lineal feet.

THE SUBFLOOR

1. Although PARKAY XPR FLOORING planks are water/moisture proof, they are not to be used as a moisture barrier. Your subfloor should be completely dry prior to installation. Keep in mind that constant moisture coming from the subfloor or topically, will cause mold and mildew to be trapped underneath the product, contributing to an unhealthy environment. Parkay Floors® will not warrant any product based on damages caused by excessive moisture. Subfloors presenting vapor emissions between 2.5% to 5% (CM-Method), must install a 6mil Poly-plastic block before laying the cushioned underlayment or flooring planks. All concrete subfloors must use poly-plastic block for extra moisture protection. Parkay Floors® recommends Polyguard 6 as an ideal poly-plastic block for extra moisture protection.

2. Subfloors must be structurally sound, solid, stable, level, plumb, and true to a tolerance in plane of 3/16" in 10 feet (4.7mm in 4m). Cracks, holes, grout lines must be filled with a fast-drying setting cement-based polymer modified patching compound or equivalent. Any unevenness over 3/16" (4.7mm) must be sanded down, leveled or ramped to a 0°. The surface must be totally clean of dirt, oil, glue residue, etc. Carpet tackles, staples or adhesive residue should be removed prior to installation. Voids or humps in the subfloor will prevent the planks from locking properly.

3. PARKAY XPR FLOORING can be installed on existing firm floors (Linoleum, PVC), but all floating or textile floors must be removed. When laying the floor over existing ceramic tiles, first level with fast setting cement-based polymer modified patching compound.

4. The installer has the final responsibility to determine if the subfloor is dry and leveled enough to begin with the installation. The professional must also make sure the product ready to be installed, corresponds with the chosen sample and the name on the boxes matches with the agreed order.

This product has an attached underlayment. It must be glued down when used for any commercial application, using a pressure sensitive adhesive.

5. An expansion gap must be left around the perimeter. The ideal expansion gap must be equal to the total thickness of the product installed.

MEASUREMENTS

1. Agree with the client on which direction the floorboards should run since this influences the visual size ratio of the space. Installation parallel to the longest wall or the main light-source is recommended for the best visual effect.

2. Pre-plan the floor by measuring the room first. If the width of the last row is less than 2" (5cm) saw the first and the last plank in equal width.

3. Snap the lines on the substrate to identify the layout reference points. Planks should be set using this reference to ensure boards are aligned and will lock together correctly.

4. In large areas where flooring will span more than 50' long, an expansion gap should be used, place expansion space by using a transition molding in all narrow spaces below 3 ft and around the door jambs.

5. An expansion gap must be left around the perimeter. The ideal expansion gap must be equal to the total thickness of the product installed.

DIFFERENT PRODUCTION RUNS

PARKAY XPR FLOORING can have slight color variations in between production runs. Before starting the installation, it is best to check the production run # which is indicated on the label on the carton. If you find that you have cartons from different production runs, it is highly recommended to open a few cartons and install a mix of planks from each different production run on your floor. This will result in a more natural looking floor.

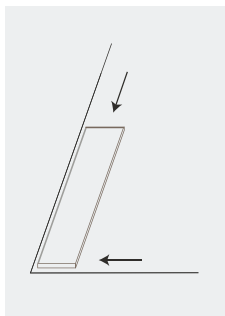
Do NOT install your PARKAY XPR FLOORING over soft subfloors such as carpet, floating floors or foam underlayments, different than the ones recommended by the manufacturer.

Although the use of pull bar and tapping block is recommended to ensure a successful install, make sure to not brake or damage the edges of the plank, since will compromise the locking system.

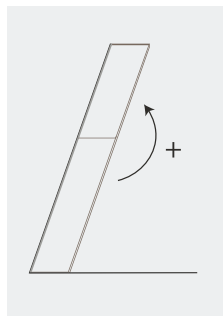
PARKAY XPR FLOORING provides a very tight fit. Proper care must be used to ensure all seams are tight at end of install. An unprofessional installation or use of improper tools can result in damage to the Click profiles. How to shorten doorframes: Position a loose plank face down, close to the doorframe, and cut with a jamb saw.

People can walk on the flooring immediately after the installation. Remove the wedges. Nail or screw the transition or baseboard moldings to the wall or subfloor, never to the floor.

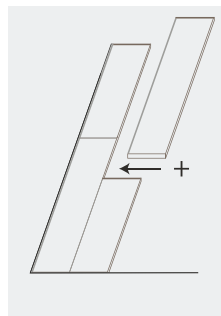
FLOOR INSTALLATION



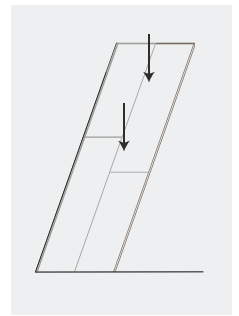
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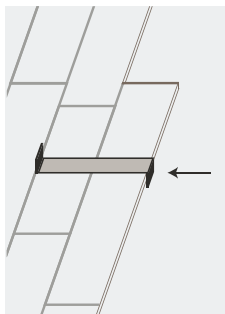
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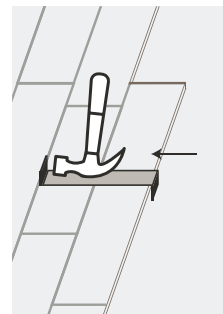
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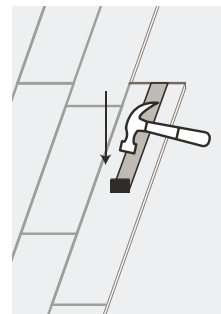
4 →



5 →



6 →



7

FLOOR INSTALLATION

First row:

Diagram 1: Start with the first plank in the left corner of the room, tongue-side facing out from the wall to the length and to the right on the width. Work from left to right.

Diagram 2: Position the following planks as an exact extension of the first one.

Cut to fit the last plank of the row. To do this you can use a utility knife to score the surface at the appropriate point and then break the tile over an edge. A laminate cutter or miter saw can be used as well.

Following rows:

Diagram 3: Begin the second row with the cut-off end to start the next and subsequent rows. Allow at least an 8" stagger for the end seams. For positioning the planks together, starting with the first tile in the row, raise the plank at a 45-degree angle, insert the lengthways tongue into the lengthways groove and lower the plank while holding the two together until they are flat and tightly together. Close the join using hand pressure, tapping block or pull bar.

Diagram 4: Lever the next sheet in place from the front side so that only a very short distance remains for it to be pushed into the lengthways connection.

Diagram 5, 6 and 7: Raise the plank slightly and push it into the lengthways tongue, first close to the front connection, then the rest. Make sure seams are tight on ends and sides using pull bar or tapping block before proceeding. Continue the installation to the last row of sheets, as described.

How to shorten doorframes: Position a loose plank face down, close to the doorframe, and cut with a jamb saw.

People can walk on the flooring immediately after the installation. Remove the wedges. Nail or screw the transition or baseboard moldings to the wall or subfloor, never to the floor.

INSTALLATION OVER RADIANT HEATED SUBFLOORS

PARKAY XPR FLOORING is not recommended to be installed over any electrical radiant heating systems. Only radiant heated system using water are recommended. Max heating temperature must not exceed 85°F. These Instructions must be followed:

Before installing, make sure to test the heating system at its maximum capacity to force out any residual moisture and to make sure it's working properly.

Moisture content on screed must not exceed 1.5%.

Shut down the heating system at least 48 hours prior to installation.

Keep room temperature between 60°F and 85°F during the installation.

After flooring is installed, turn on the heating system gradually, from minimum to maximum within 1-hour period.

MAINTENANCE

Clean regularly with a damp mop with a vinyl floor cleaner such as Bona Pro Series Vinyl Cleaner. Do not use excessive water. Remember to clean up spills as soon as possible. Always use chair protectors under furniture and on chair legs. Felt pad protectors are best. Always add floor mats on area where rolling chairs are being used.

25 YEARS RESIDENTIAL / 7 YEARS LIGHT COMMERCIAL WARRANTY

Our 7 years limited light commercial warranty is for seven years from the date of purchase and from the original owner, and first installation of the product. When complied with the aforementioned your floor will be free from manufacturing defects, and will not wear through when installed and maintained according to instructions supplied with each carton. This warranty applies only to the original end user with a proof of purchase. Warranty is non transferable. Floors must have been installed by a licensed and insured professional to be able to process any claim. This warranty covers the replacement or refund of the material only, no labor. Claims for wear must show a minimum dime size area. High-heeled shoes, rolling carts, furniture and chairs without protective pads can damage the floor and such areas will not be covered by this warranty.

Warranty covers against: Staining, Wear, Fading as a result of natural or artificial light, damage by moisture from everyday household spills and manufacturing defects. Floor will only be replaced for one of the same monetary value.

If more than 5% of the product pulled out of the cartons is showing defects, stop the installation immediately and contact your Parkay Floors R representative. Transition moldings are not covered under this warranty. Scratches and loss of gloss are not considered a wear-through issue. Up to 10% gloss variance is considered completely normal between planks.

This warranty excludes damage by natural disasters. This warranty excludes floors in contact with moisture trapped beneath the floor. The general warranty is pro rata (25 years for flooring). A pro rata warranty is one that provides for a refund or credit that decreases according to a set formula as the warranty period progresses. A claim process takes up to 90 days to process, from the date Parkay Floors® is contacted. We require a detailed description with images of the issue that clearly show the problem. Contact Parkay Floors® dealer no later than 15 days after the discovery of the defect. Your dealer will arrange for proper inspection and coordinate a resolution of your claim.

Parkay Floors® reserves the right to modify the contents of this warranty at any and without previous notice. Please refer to our website to obtain the latest version of our warranty.

For service under this warranty or technical questions, please go to www.parkayfloors.com or contact your local retailer.

Describe the problem and in many cases, the retailer can provide you with a solution.

TESTS & CERTIFICATIONS

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:



For the following product(s):

Vinyl Tile:

Luxury Vinyl Tile Wood Plastic Composite

Stone Plastic Composite

Maximum thickness: 8mm

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

FloorScore®

Indoor Air Quality Certified to SCS-EC10.3-2014 v4.1

Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring.

Measured Concentration of Total Volatile Organic Compounds (TVOC): Between 0.5 – 5.0 mg/m³ (in compliance with CDPH/EHLB Standard Method v1.2-2017)

Registration # SCS-FS-04304

Valid from: April 11, 2024 to December 31, 2024

SCS Global Services is currently the only certification body approved by the Resilient Floor Covering Institute (RFCI) to provide FloorScore® product certification; certified products are only listed on the SCS Green Products Guide, <http://www.scsglobalservices.com/certified-green-products-guide>.



A handwritten signature in black ink, appearing to read "Nicole Munoz".

Nicole Munoz, Vice President, ECS
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

Test Report

Report Number:140618003SHJ-BP-2

Sample Description:

Product: Vinyl Flooring Underlay

Model: HPVC-PAD

Samples Quantity: 15m²

Sample ID: S140618003SHJ-021~040

Date Received: 2014-06-17

Date Test Conducted: 2014-06-18~2014-07-08

Tests Conducted:

Test Methods: ASTM E492-09, ASTM E989-06, ASTM E2179-09

Conclusion:

For details refer to attached page(s).

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

Should you have any queries about the test report, please contact:

Approved by:

Checked by:

Prepared by:

Dorian Wu

Jodie Zhou

Eric Zhu

Dorian Wu
Supervisor

Jodie Zhou
Technical Supervisor

Eric Zhu
Engineer

Test Report

Report Number:140618003SHJ-BP-2

Test Items, Method and Results:

Test Method: ASTM E492-09

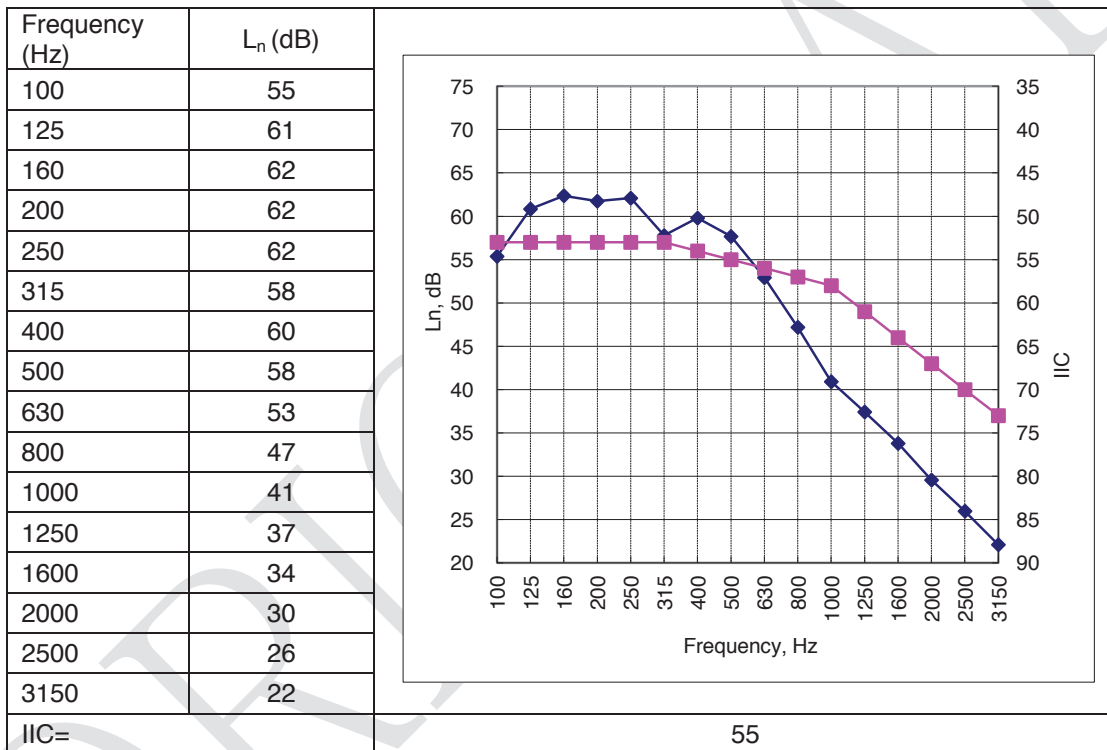
Temperature: 28°C

Relative Humidity: 55%

Specimen area: 12.8m²

Volume of the receiving room: 121m³

Floor/ceiling Assembly: The system consisted of 150mm thick concrete floor which had a 1.5mm sound insulation pad installed on the top of it. The 5mm flooring specimens were then placed on the top of the insulation pad.



Calculated Impact Insulation Class: IIC 55

Note:

1. L_n = Normalized Sound Pressure Level for Covering over Floor/ceiling System
2. Classified IIC in accordance with ASTM E989-12, Standard Classification for Determination of Impact Insulation Class.
3. The IIC was for the whole floor/ceiling assembly system.

Test Report

Report Number: 140618003SHJ-BP-2

Test Method: ASTM E2179-09

Temperature: 28°C

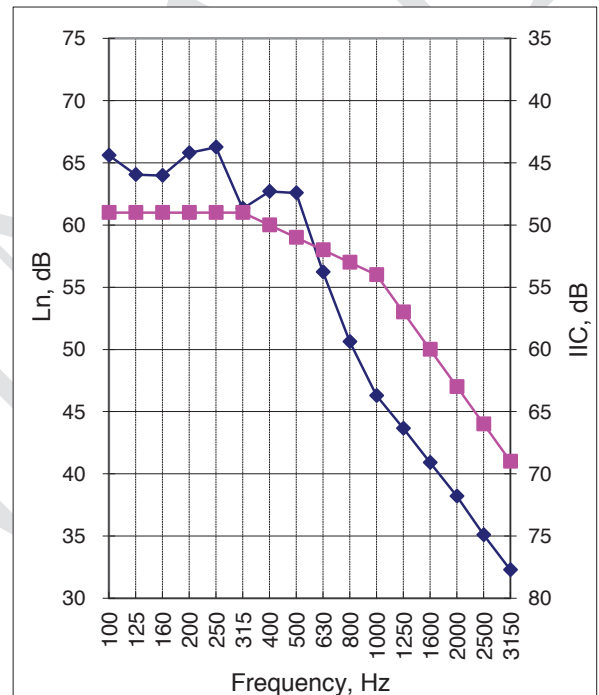
Relative Humidity: 55%

Specimen area: 12.8m²

Volume of the receiving room: 121m³

Floor/ceiling Assembly: The system consisted of 150mm thick concrete floor which had a 1.5mm sound insulation pad installed on the top of it. The 5mm flooring specimens were then placed on the top of the insulation pad.

Frequency (Hz)	L ₀ (dB)	L _c (dB)	L _d (dB)	L _{ref} (dB)	L _{ref,c} (dB)
100	56.8	55.4	1.4	67.0	65.6
125	64.3	60.8	3.5	67.5	64.1
160	66.4	62.4	4.0	68.0	64.0
200	64.4	61.7	2.7	68.5	65.8
250	64.8	62.1	2.7	69.0	66.3
315	65.9	57.8	8.2	69.5	61.3
400	67.1	59.8	7.3	70.0	62.7
500	65.6	57.7	7.9	70.5	62.6
630	67.7	52.9	14.8	71.0	56.2
800	68.1	47.2	20.9	71.5	50.6
1000	66.6	40.9	25.7	72.0	46.3
1250	65.8	37.4	28.4	72.0	43.7
1600	64.9	33.8	31.1	72.0	40.9
2000	63.4	29.6	33.8	72.0	38.2
2500	62.9	26.0	36.9	72.0	35.1
3150	61.8	22.1	39.7	72.0	32.3
IIC _c =	51				
Δ IIC=IIC _c -28=	23				



Calculated improvement in Impact Insulation Class: IIC_c-28 = ΔIIC 23

Note:

- L₀ = Normalized Sound Pressure Level for Bare standard concrete floor
- L_c = Normalized Sound Pressure Level for Covering over concrete floor
- L_d = L₀ - L_c
- L_{ref} = Reference floor average Normalized Impact Sound Pressure Level
- L_{ref,c} = L_{ref} - L_d

Classified IIC_c in accordance with ASTM E989-12, Standard Classification for Determination of Impact Insulation Class.

Test Report

Report Number: 140618003SHJ-BP-2

Test Method: ASTM E90-09

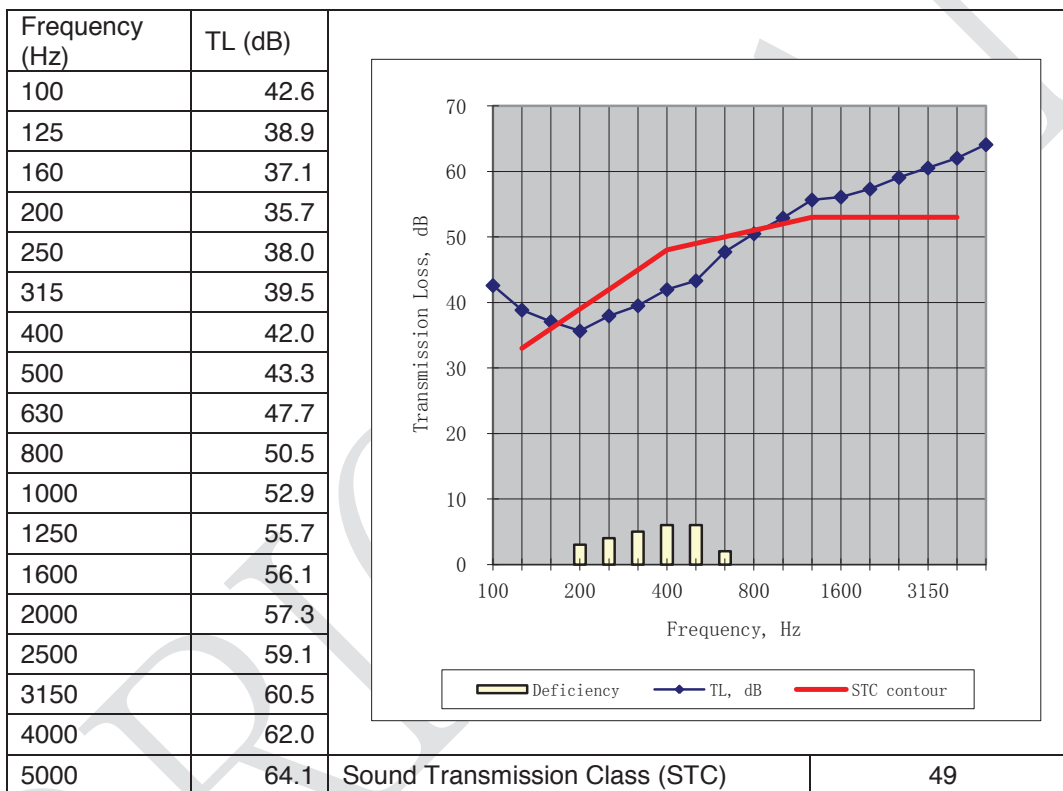
Temperature: 28°C

Relative Humidity: 55%

Specimen area: 12.8m²

Volume of the receiving room: 121m³

Floor/ceiling Assembly: The system consisted of 150mm thick concrete floor which had a 1.5mm sound insulation pad installed on the top of it. The 5mm flooring specimens were then placed on the top of the insulation pad.



Calculated Sound Transmission Class: STC 49

Note:

1. TL= Transmission loss, the partition was the Floor/ceiling Assembly System.
2. Classified STC in accordance with ASTM E413-10, Classification for Rating Sound Insulation.
3. The STC was for the whole floor/ceiling assembly system.

Appendix A: Sample photos



Test setup

The End of Report

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Test Report

Statement

- 1.This report is invalid without company's special seal for testing on assigned page.
- 2.This report is invalid without authorized person's signature.
- 3.This report is invalid where any unauthorized modification indicated.
- 4.Don't copy this report in partial (except full copy) without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.
- 5.Any holder of this document is advised that this report is for the exclusive use of Intertek's Customer and is provided pursuant to the agreement between Intertek and its Customer. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. This report was made with due care within the limitation of a defined scope of work and on the basis of information, materials and instructions received from the Customer or its nominated third parties. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. The tests results are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results.
- 6.Intertek's written consent is required to use Intertek's name or logo on the object, product or service being tested. The observations and test results in this report relate only to the sample under test. This report alone does not indicate that the item, product or service has passed any Intertek certification program.
- 7.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.



Test Report

Issue Date:

2020-05-13

Intertek Report No.

200423007SHF-001

Product Information

Product Name	1mm XPS UNDERLAY	Brand	/
Sample Description	Good Condition	Sample Amount	15m ²
		Received Date	2020-04-23
Sample ID	Model	Specification	
S200423007SHF.001	XPS-10	1mm XPS UNDERLAY + 5mm SPC FLOOR	

Test Methods And Standards

Test Standard	ASTM E492-09(2016) ⁶¹
Specification Standard	ASTM E989-18
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Mason Wang

Title: Reviewer

Name: Jackie Zhou

Title: Project Engineer



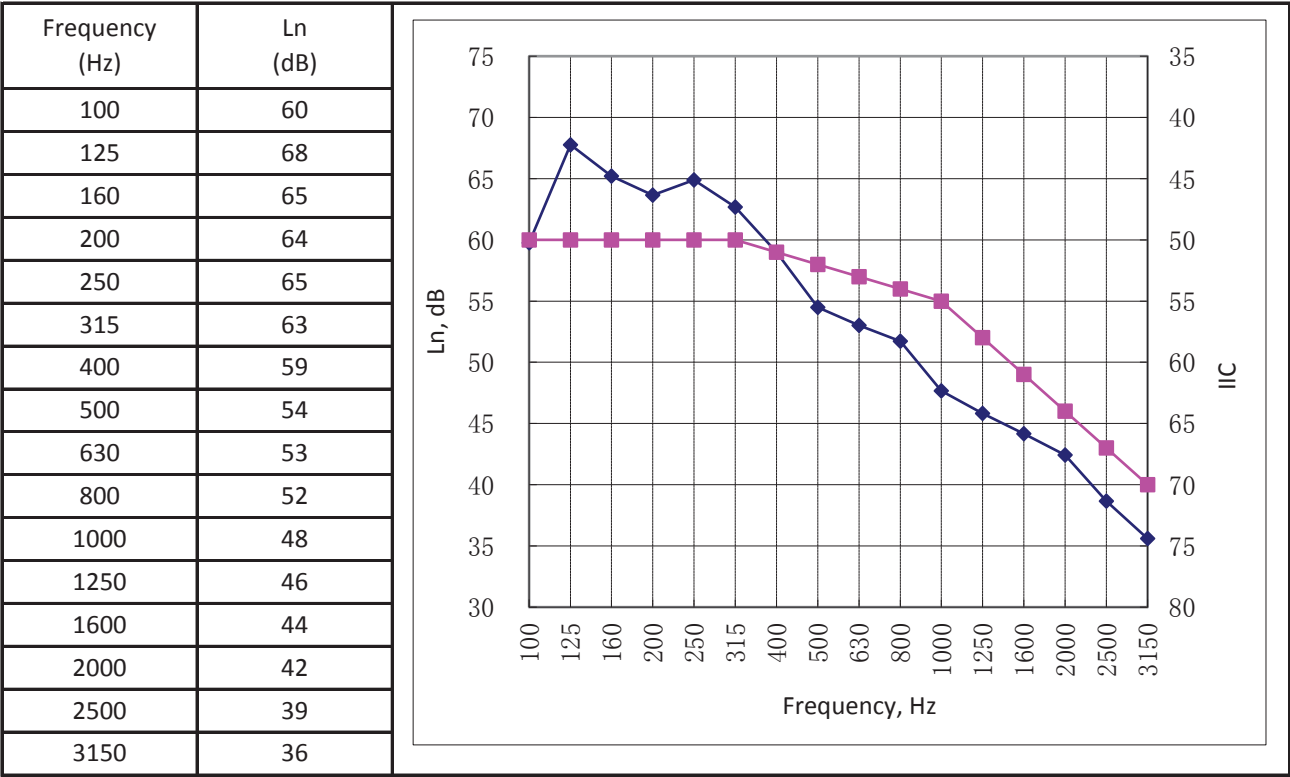
Test Report

Issue Date: 2020-05-13 Intertek Report No. 200423007SHF-001

Test Items, Method and Results:

Test Item: Laboratory Measurement of Impact Sound Transmission
Test method: ASTM E492-09(2016)^{e1}
Temperature: 21 °C Relative Humidity: 90 %
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³
Specimen area: 12.5 m²
Floor-Ceiling Assemblies: The system consisted of 150mm thick concrete floor without drop ceiling and the 5mm SPC floor covering attached with 1.0mm XPS underlay were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints



Calculated Impact Insulation Class: IIC 52

Note:

1. Ln = Normalized Impact Sound Pressure Level
2. Classified IIC in accordance with ASTM E989-18, Standard Classification for Determination of Impact Insulation Class. This classification was used with one-third octave bands.
3. The IIC was for the whole floor-ceiling assemblies.

Test Report

Issue Date: 2020-05-13 Intertek Report No. 200423007SHF-001

Test Photos:



Test set up



Test Report

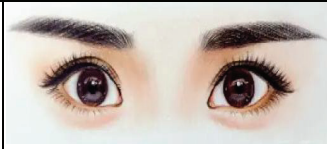


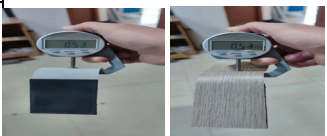



Issue Date: 2020-05-13 Intertek Report No. 200423007SHF-001

Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes	Author	Reviewer
200423007SHF-001	2020-05-13	First issue	Jackie Zhou	Mason Wang

Quality standard				
Item	Detail	Test standard	Test Method/Tool	
Appearance	Surface	No chipping, cracking, visual texture, delamination,bubble, shallow embossing, scratches, dirt, poor	Visual	
Size	Length	±1mm	Tape measure	
	Width	±0.1mm	Vernier caliper	
	Overall thickness	±0.2mm	Vernier caliper	
	Wearlayer	(+13% -10%)	Thickness gauge	
Physico performance	DIMENSIONAL STABILITY AFTER EXPOSURE TO HEAT (80°C/6hr)	≤1.67mm/m	Heat drying oven	
	Curling after exposure to heat (80°C/6hr)	≤1.5mm	Heat drying oven/gauge	
	Peel Resistance	Average: ≥50N/50mm Single: ≥40N/50mm	Microcomputer tensile machine testing machine	
	Click strenght	≥75N/50mm	Microcomputer tensile machine testing machine	
Material composition	Heavy mental	As < 25ppm Br < 1000pm Cd < 75ppm Hg < 60ppm Pb < 100ppm Se < 500ppm Sb < 60ppm Ba < 1000ppm	Dedicated device (EDX 18008)	