

XDP DRYBACK

XTREME DRYBACK PLANK



22MIL
WEAR LAYER 0.55MM

XDP + PAD



Blonde



Dawn



Pearl



Pebble



Quartz



Sable



Sedona

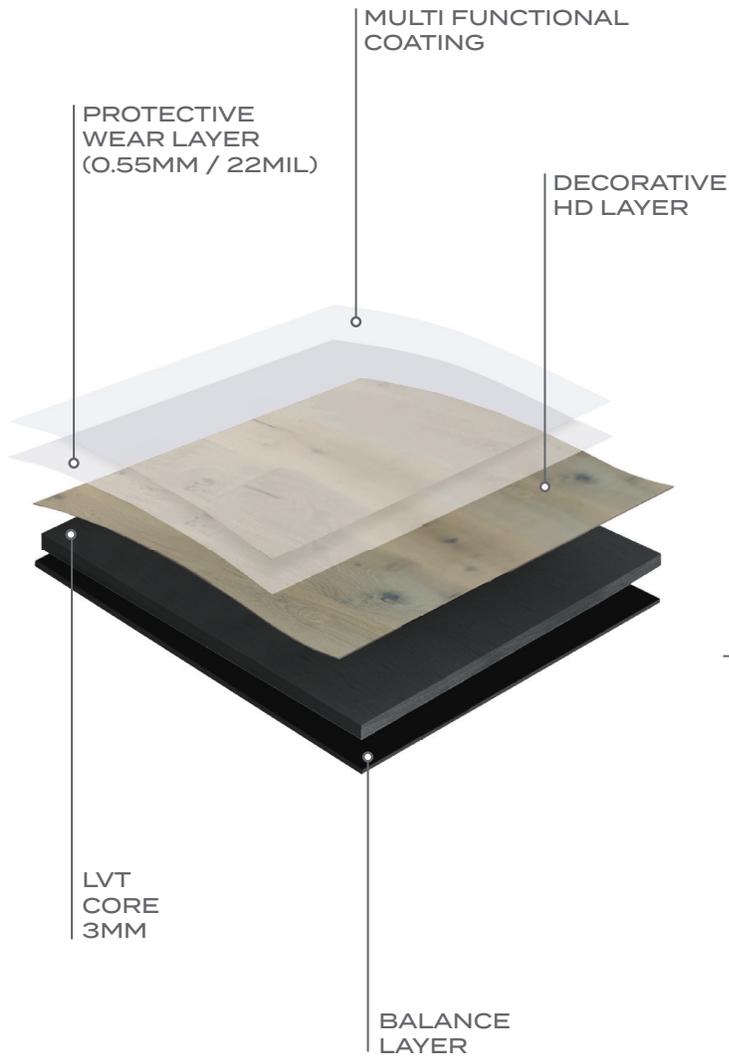


Sierra



XDP DRYBACK

→ 22MIL
WEAR LAYER 0.55MM



XDP
+
PAD



100%
WATERPROOF



22MIL (0.55MM)
WEAR LAYER



3MM
THICK



GLUE DOWN
INSTALL

ACCLIMATION

This is a required procedure prior to the installation of XDP DRYBACK. Store the UNOPENED BOXES in the room where the flooring is to be installed for at least 48 hours prior to installation. Always store the boxes on a flat and level surface; never store the boxes on their sides. Heating and air conditioning should be operational and set between 55 °F - 85 °F (12.8 °C - 29.4 °C) for the acclimation and installation period.

REQUIRED ADHESIVE

Roberts 7350 Universal Pressure Sensitive Adhesive or similar.

- 2 application methods to fit most installation needs (flash off (tack-set) or wet set)
- Permanent installation uses wet-set method. Open time 20 minutes, working time 40 minutes. Better for commercial or high traffic environments.
- Releasable installation used tack-set method. Tack time up to 45 minutes, working time 12 to 14 hours.

STRICTLY ADHERE TO THE INSTALLATION GUIDANCE LOCATED ON THE PRODUCT INCLUDING PROPER TROWEL

SUGGESTED TOOLS

Safety Glasses, Utility knife, Saw/ Guillotine, Pencil, Straight Edge, Tape measure, Spacers, Chalk Line.

SITE CONDITIONS / SUBFLOOR PREPARATION

1. Room temperature must be maintained between 55 °F - 85 °F (12.8 °C - 29.4 °C) during the installation period.
2. Substrate should be free of dust, debris from paint, varnish, wax, oils, curing sealers, solvents, and other foreign matter.
3. Any adhesive residue from prior installations should be completely removed.
4. Any looseness of the substrate should be secured.

5. High spots should be levelled, and low spots should be filled with a proper material to ensure substrate is flat within 3/16" per 10-foot radius.
6. All construction seams, expansion joints, and holes should be filled level with the surrounding surface to eliminate telegraphing of such irregularities.
7. If you plan to remove old resilient flooring material or any type of old adhesive, please be aware that it may contain asbestos fibers or crystalline silica; therefore, avoid creating dust.
 - Inhalation of such dust is a cancer and respiratory tract hazards, and local regulations may require professional removal.
8. Use only cement-based patching and leveling compounds.
 - Check with patching and leveling compound manufacturers for curing times.
 - Check moisture levels before starting installation to ensure moisture levels are within guidelines as outlined in the "Concrete Substrates" paragraph.
 - The contractor or owner is responsible for cure time, moisture content testing, and the structural integrity of any leveling or patching compound used.

SUBFLOOR GUIDELINES

Dryback can be installed over many floors. All carpeting and padding need to be removed. Make sure that the surface is clean, dry, structurally sound and flat within 3/16" per 10-foot radius (4.7 mm per 3 m). Supporting floors must be rigid as too much deflection can result in a failed installation. Maximum deflection should not exceed 3/64" (1.1 mm).

Dryback should not be installed over plank floors, cushioned-backed vinyl flooring, asphalt-based floors, carpet, self-adhering plank or tile, laminate or other floating flooring or structurally damaged concrete; concrete should be free from dust, solvents, paint, wax, grease, oil, sealing compounds or curing agents.

CONCRETE SUBFLOORS

Concrete subfloors must be inspected prior to installation and if they do not meet the following requirements, do not install flooring. Concrete shall have a minimum compressive strength of 3500 psi. Concrete subfloors must be cured for 60 days prior to installation of the flooring and should be tested for excessive moisture. Concrete subfloors require moisture testing conducted in accordance with ASTM F1869 Calcium Chloride Test or ASTM F2179 Relative Humidity in Concrete Slabs. Calcium Chloride emissions should not exceed 5 lbs. per 1000 sq. ft. Relative Humidity In-Situ Probes should not exceed 75% RH. Testing should be performed and documented prior to beginning installation.

WOOD SUBFLOORS

Wood subfloors require no more than 14% moisture content when tested with pin type meter and must have a minimum 18" cross ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces must be sealed with a polyethylene moisture barrier. For wood installed directly over concrete (sleeper construction), remove the wood, and proceed with concrete subfloor guidelines.

Wood subfloors should be a minimum of 3/4" thick, APA approved grade tongue and groove plywood or 23/32" OSB, with a smooth finish, free from spring and deflection. If the wooden subfloor is not an APA approved flooring grade underlayment, a minimum of 1/4" approved wood underlayment must be adhered to the existing substrate. Make sure that the surface is clean, dry, structurally sound, and flat within 3/16" per 10-foot radius. All fastener indentations and joints should be level and smooth using appropriate patching compounds. Deflection should not exceed 3/64".

EXISTING RESILIENT FLOORS

When installing Dryback over existing resilient flooring, ensure that the existing product is in good condition, that it was installed in the full spread glue method and is properly secured. Dryback can be installed over one layer of non-cushioned sheet flooring. Existing tile or sheet resilient floorings should be stripped using a product that is an appropriate stripper for vinyl to remove wax or other contamination, rinsed with clear water and allowed to dry. When installing over an existing resilient flooring material, an embossing leveler may be required to prevent the existing material pattern from telegraphing through the new material.

GYPSUM FLOORS

Dryback can be installed over flooring grade gypsum subfloors when properly installed following the adhesive installation instructions. Gypsum subfloors are very porous and are required to be primed following the adhesive manufacturer's installation instructions. The subfloor should be structurally sound and flat within 3/16" per 10-foot radius (4.7 mm per 3 m).

MARBLE, QUARRY TILE, TERRAZZO, CERAMIC TILE

Properly cleanse substrate using a commercial degreasing/dewaxing solution. Grind or abrade any highly polished or irregular surfaces. Fill any low areas, chips and grout joints that may telegraph through the new flooring. Test for porosity and use the appropriate adhesive application method. Bond tests are required. When installing over an existing resilient flooring material, an embossing leveler may be required to prevent the existing material pattern from telegraphing through the new material.

RADIANT HEAT FLOORS

Dryback can be installed over embedded radiant-heated floors provided the operating temperature never exceeds 80 °F (26.7 °C). The radiant system should be in operation for three (3) weeks prior to installation of the flooring. For 48 hours prior to and during installation, the system should be kept at 65 °F (18.3 °C). It should be noted that when using adhesive, flash off time may be decreased due to operation of the radiant heat flooring system. Once the installation is completed, the heat should be gradually increased by a maximum of 5 °F (2.8 °C) per day until the desired setting is reached. Do not use radiant heat systems that expose the flooring to wide variations in temperature, such as a wire induction mat system. The installation area of the flooring shall not contain heated and non-heated areas unless expansion joints separate them. Keep in mind that loose rugs or carpets may accidentally function as heat insulators and raise the temperature to more than the tolerated maximum surface temperature of 80 °F (26.7 °C).

PRE-INSTALLATION INSPECTION

1. Cartons should be always stored horizontally.
2. Protect carton corners from damage.
3. Inspect all planks/tiles for visible defects and damage before and during installation.
 - Do not install damaged planks/tiles. Dryback will not accept responsibility for claims on flooring installed with visible defects.
 - During installation, inspect the groove area and remove any debris that may prevent proper assembly of planks/tiles.
4. Ensure that all boxes are of the correct product and when installing, open several boxes at a time and mix planks/tiles from different boxes for best results and overall look.
5. Room temperature should be 55 °F - 85 °F (12.8 °C - 29.4 °C) for 48 hours before, during and after installation.
6. Remove all existing moldings.
7. Undercut doorway moldings to the thickness of the flooring.
8. Determine in which direction the planks/tiles will be installed. It is recommended that the flooring be installed running parallel to the longest wall.

INSTALLATION INSTRUCTIONS

1. Remove thresholds and baseboards before you measure the room to calculate how much flooring to purchase. Your surface to cover will be the length times the width of the room, plus the area of any nooks and closets. To this total surface, you will need to add 5-10% for trimming. Dryback recommends keeping a few planks/tiles for replacement should any planks/tiles become damaged.
2. Remove the existing flooring if necessary. If the existing floor surface is solid and smooth, you may choose to skip this step. If you remove carpet or old vinyl, you may need to use a power scraper to remove old adhesive without omitting corners and crevices.
3. Use a patching compound to fill in any cracks and holes in your subfloor. Work the compound into the hole with a putty knife and level it off. Once you have a smooth, even surface, sweep or vacuum the subfloor thoroughly.
4. Make sure to apply the adhesive only when you are ready to install the planks/tiles, using the proper trowel size and following the adhesive working time as outlined on the adhesive installation instructions.
5. Planks/tiles are to be installed parallel to the wall that is the main line of sight in the room (usually this is the wall opposite to the room's main entrance). Measure to determine the center of the room and adjust the center point so that planks/tiles are evenly distributed on each side. Mark this straight center line on the floor using a chalk line or fine felt pen. Planks/tiles on first and last rows may need to be cut to ensure even layout throughout the room.
6. Starting from one corner of the room, lay down the first row of planks/tiles moving towards the other wall. Since these planks/tiles do not have any particular direction, they can be installed either from left to right or from right to left.
7. When placing the second row and every subsequent row, make sure to stagger the end joints a minimum of 8" (20 cm) apart from the previous row. Staggering the planks/tiles creates a more authentic appearance. To accomplish this, you may need to cut a plank/tile to start a row. Ends that have been cut should be placed against the wall. Use a vinyl plank/tile cutter (recommended) or a utility knife and square to cut the plank/tile at a 90-degree angle to its length. Planks/tiles that are against the wall also need to be a minimum 8" (20 cm) in length. Make sure there are no gaps between the planks/tiles; they should be fitted tight to each other on all four (4) edges. Once the planks/tiles have been installed, use a floor roller to ensure all the planks/tiles are firmly bonded to the floor. Rolling should take place during the working time of the adhesive (see adhesive label).
8. To remove any adhesive residues on the surface of the floor, use a clean white cloth dampened with water if adhesive is wet and acetone, denatured alcohol, or mineral spirit if adhesive is dry.

NOTES

XDP Dryback is intended for indoor use only.

2. XDP Dryback is warranted as a floor covering only.

3. Post-installation temperature should be maintained between 55 °F - 85 °F (12.8 °C - 29.4 °C). Relative humidity should be maintained between 30% and 70%.

4. Luxury vinyl flooring must be protected from direct sunlight exposure. Parkay Floors® recommends using UV protective film, blinds or curtains in all windows that provide direct sunlight to ensure that the products are not overheated. Luxury vinyl floor coverings exposed to excessive heat are subject to thermal expansion which may lead to buckling or peaking. Parkay Floors® will not be held liable for any claims or damages arising out of or related to the failure of the installation when the flooring is exposed to direct sunlight.

5. To keep your floor in good condition, it is important to place non-rubber backed doormats at all entrances, to prevent dirt or grit on your floor. Placing doormats will eliminate abrasive particles driven by footwear and will reduce damage. Do not use rubber-backed mats, as long-lasting contact with rubber can cause permanent discoloration. Never place doormats on a wet floor.

6. Rolling office chairs, casters, furniture legs, fitness appliances, etc. should be fitted with soft, non-rubber casters, to avoid permanent damage to your floor. Use a suitable desk mat.

7. You should use felt pads or protective feet for items that contain rubber, such as chair legs, furniture legs, fitness appliances, etc.

HOMEOWNER OBLIGATIONS

To maintain warranty coverage and ensure fast and easy warranty service, the homeowner is responsible for the following:

- Keep five (5) planks/tiles of the product after installation for testing purposes.
- Keep and be able to provide the original sales receipt or documentation illustrating proof of purchase and installation date of the product.
- Make sure the flooring is installed according to XDP Dryback Installation Instructions.
- Keep a list of cleaners used to maintain the flooring.

This document presents general installation instructions and is not intended to replace the professional installation expertise of a professional installer. As all installation situations are unique, professional installation is advised.

To ensure the best possible installation, and to ensure the validity of the warranty, these instructions should be followed carefully.

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

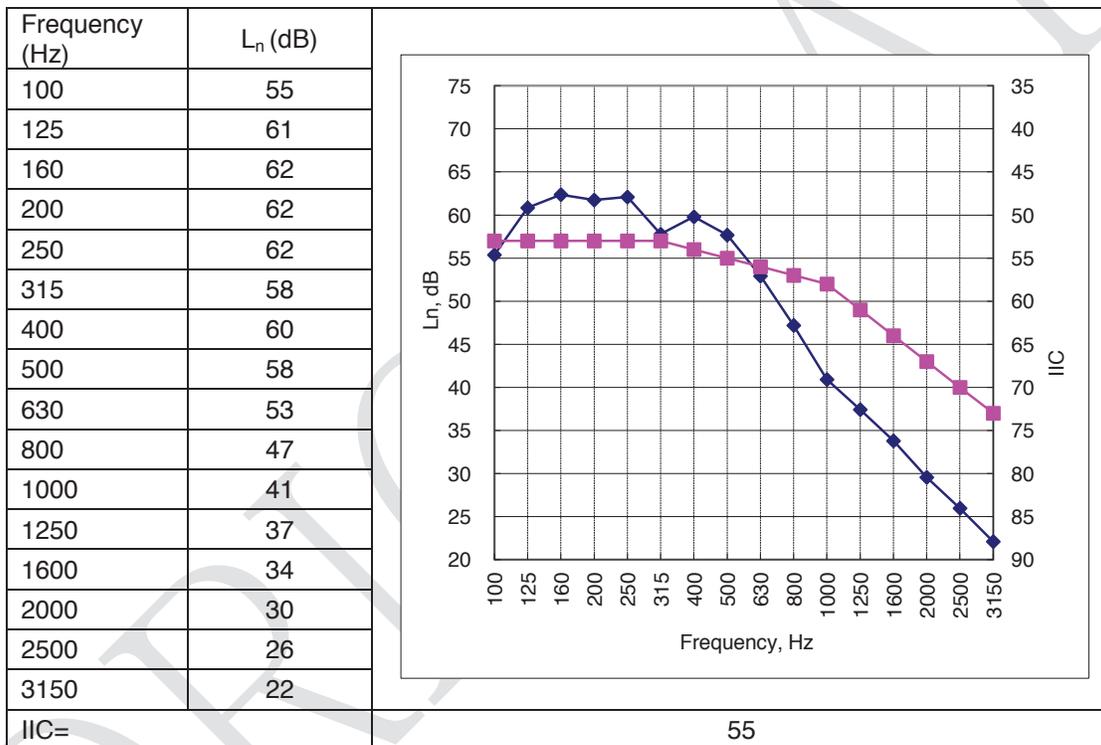
Temperature: 28°C

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

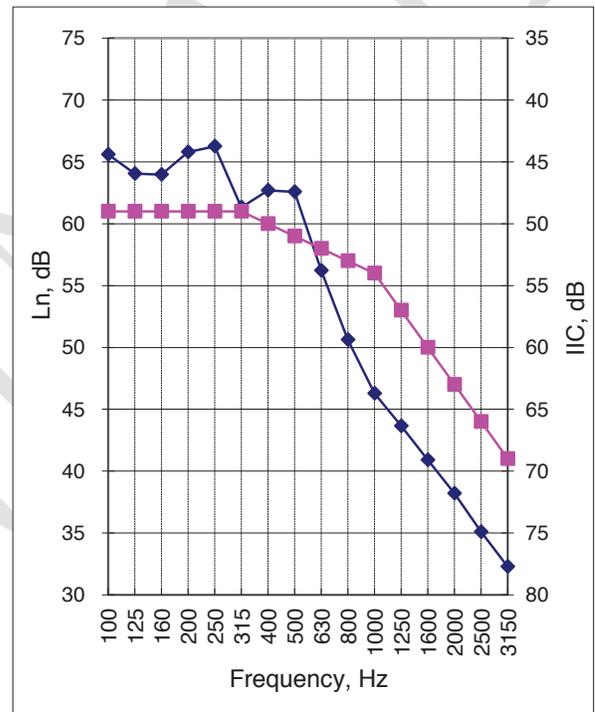
Relative Humidity: 55%

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

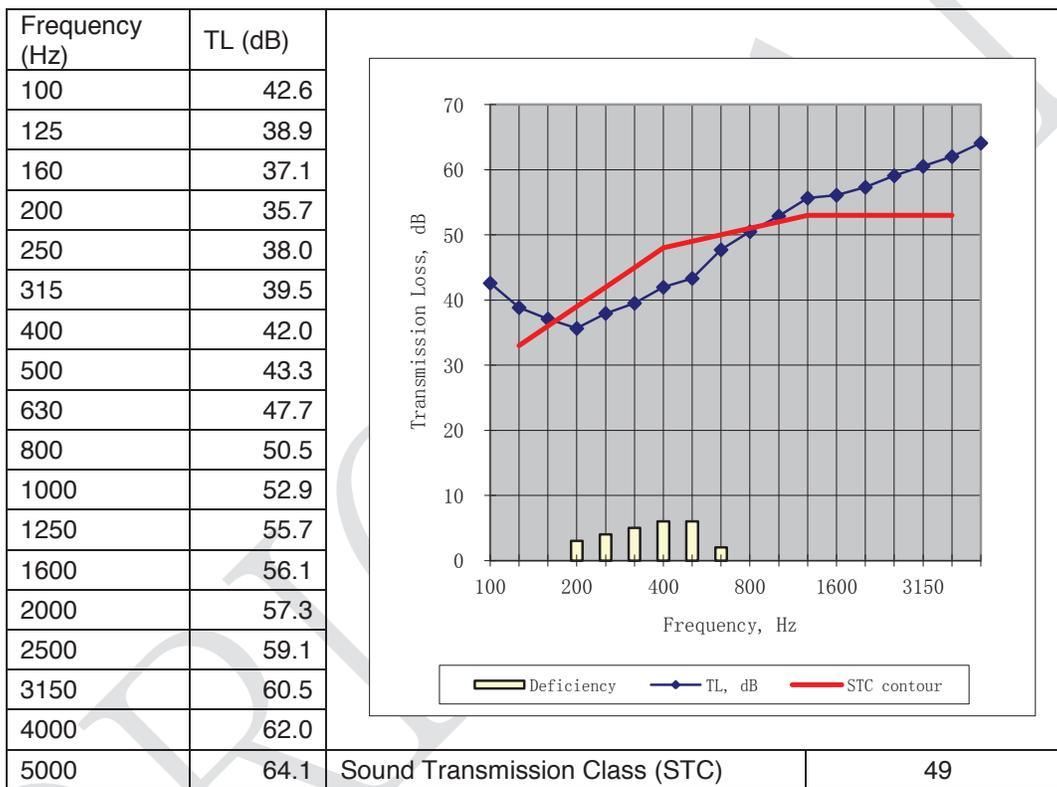
Temperature: 28°C

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

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Test Report

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- 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



Mason Wang

Jackie Zhou

Name: Mason Wang

Name: Jackie Zhou

Title: Reviewer

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}

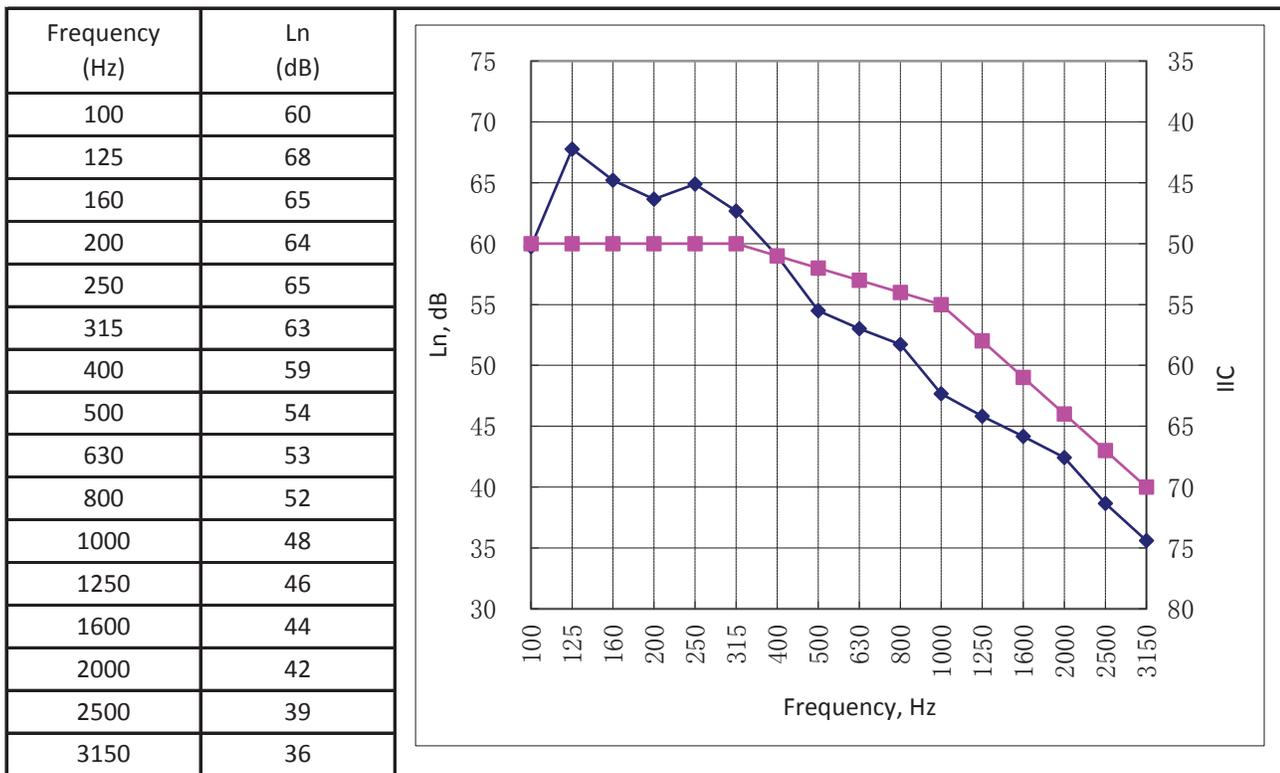
Temperature: 21 °C Relative Humidity: 90 %

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) 

