GENERAL
SPEC SHEET



PARKAY®

IMPACT

WATERPROOF PERFORMANCE LAMINATE*

Elevate your space with IMPACT, a sophisticated waterproof laminate engineered for long-term durability. Featuring 10 refined colors, advanced technology, and a resilient AC4 surface, IMPACT delivers lasting beauty with superior protection against moisture, scratches, and daily wear.

PARKAY® IMPACT



WATERPROOF PERFORMANCE LAMINATE*

10MM
THICK 8MM +
2MM PAD

AC4
MID
COMMERCIAL
USE

CORE+
HEAVY-DUTY
BLACK CORE

SPECS

• Product Specifications

- Plank Size: 9-1/4" x 60" x 10mm
- Overall Thickness: 10mm (8mm + 2mm PAD)
- Category: WPL
- Top Layer: AC4 Aluminum Oxide
- Surface Texture: Random EIR
- Bevel: Painted Bevel & Wax Edge
- Carton Quantity: 8 pcs, 30.92 Sq Ft
- Lb/Box: 44.09 lbs
- Pallet Quantity: 44 boxes, 1,360.48 Sf/Pallet
- Pallet Weight: 2,028.25 lbs
- Click: Unilin click

• Warranty

- 25 Years Residential Limited Warranty
- 5 Years Light Commercial Limited Warranty

BENEFITS

• Functional Performance

- 72 Hrs Black Core Water Resistance
- Random EIR
- Painted Bevel + Wax Edge
- Unilin Click
- AC4 Aluminum Oxide Layer
- Sound Reduction

• Lifestyle

- Pet & Kids Friendly
- Simplified Installation
- Low Care / Maintenance
- Scratch Resistant & Lifestyle Ready
- Waterproof Performance
- Superior Durability
- Sustainably Sourced
- Environmentally Friendly

*

"Waterproof Performance Laminate" refers to the product's waterproof performance after proper installation and under normal residential conditions. It does not mean the flooring is suitable for submerged applications or protected against flooding, standing water, plumbing failures, or water exposure lasting more than 72 hours. Minor edge or thickness swelling may occur in high-humidity or prolonged-moisture conditions. Thickness swelling of up to 7.5% (EN 13329) is within normal product tolerances.

PARKAY® IMPACT

WPL

COLORS



Frozen Cliff / IMLF-20103



Nova Light / IMLF-20108



Wild Creek / IMLF-20101



Breezy Hill / IMLF-20102



Warm Sand / IMLF-20104



Moonlight Marsh / IMLF-20105



Silent Forest / IMLF-20110



Amber Sunset / IMLF-20106



Sky Haze / IMLF-20107

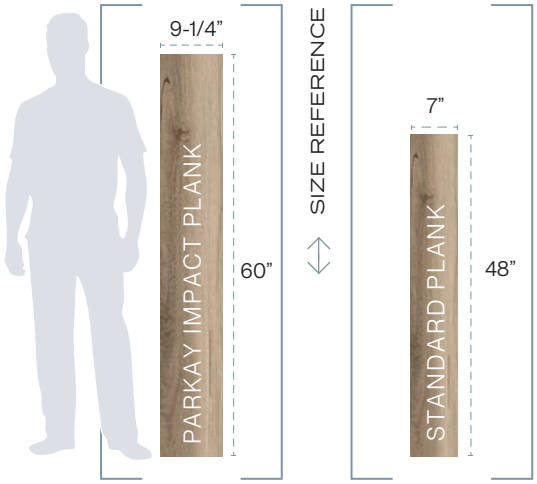


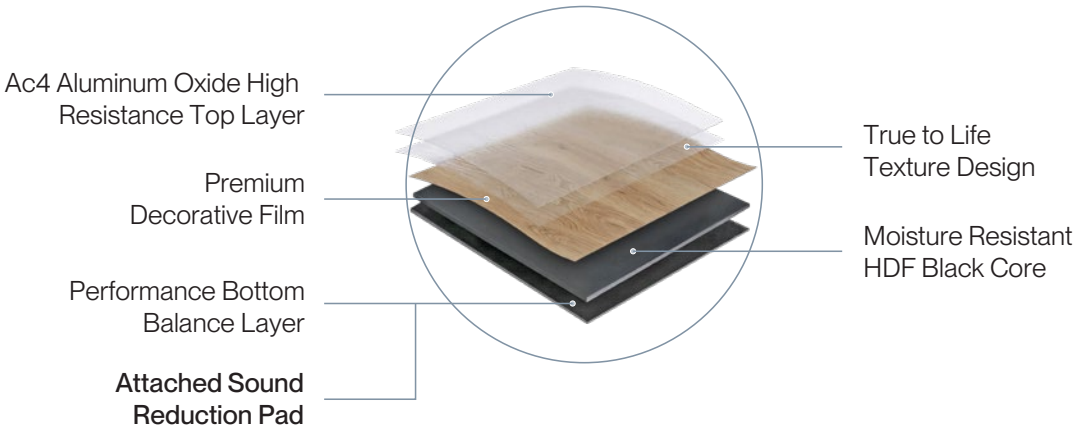
Sunny Horizon / IMLF-20109

PARKAY® IMPACT

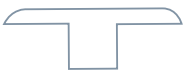


FLOOR STRUCTURE





TRANSITION MOLDINGS



T-Molding (TM)



Multi-Purpose (MP)



Flush Stair Nose Square (FSN)

PARKAY® IMPACT



SAMPLES



SLOT RACK DISPLAY



STRAP SET

CODES

ACCESSORIES	T-Molding	Multipurpose	Flush Stair Nose
Frozen Cliff	TM-PARFORFRO	MP-PARFORFRO	FSN-20103
Nova Light	TM-PARMERNOV	RD-PARMERNOV	FSN-20108
Wild Creek	TM-PARFORWIL	MP-PARFORWIL	FSN-20101
Breezy Hill	TM-PARFORBRE	MP-PARFORBRE	FSN-20102
Warm Sand	TM-PARFORWAR	MP-PARFORWAR	FSN-20104
Moonlight Marsh	TM-PARFORMOO	MP-PARFORMOO	FSN-20105
Silent Forest	TM-PARFORFOR	MP-PARFORFOR	FSN-20110
Amber Sunset	TM-PARFORAMB	MP-PARFORAMB	FSN-20106
Sky Haze	TM-PARMERSKY	RD-PARMERSKY	FSN-20107
Sunny Horizon	TM-PARFORLAT	MP-PARFORLAT	FSN-20109

SAMPLES	Code
Slot Rack	DISPLAY-SR45
Strap Set	DISPLAY-S70

PARKAY® IMPACT

INSTALLATION INSTRUCTIONS

INSTALATION INSTRUCTIONS

For a waterproof installation, all of the steps below must be followed, paying particular attention to the moisture barrier (step 6) and to the perimeter, penetration and transition sealing (steps 9-11), which prevent moisture from reaching the flooring from below or from the sides.

1. Flooring needs to be acclimated. Store it flat and fully supported during shipping and storage. Allow the product, in an unopened package, to condition in the room where installation is to take place at a constant temperature between 68°F and 77°F (20–25°C) for a period of 48 hours prior to installation.
2. Check the flooring for possible defects prior to installation. Complaints can only be accepted before installation. Slight variations in color and texture are designed to enhance its natural appearance. Mixing planks from 3 to 4 different boxes creates a more realistic look.
3. Be aware that when exposed to excessive temperatures and direct sunlight, flooring will expand and contract, causing problems with the locking system. Please consider these exposures when choosing the area to install your flooring.
4. Flooring is not recommended to be installed in facilities with walkers, wheelchairs or extended-care use, or in facilities with movement of heavy displays, racks, dentist chairs, etc. Do not fix or place any extremely heavy object on top of this floor. All these types of installations and cases may exert extreme stress and compromise the locking system of the flooring. Chair mats must be used under office chairs.
5. Subfloors must be clean of debris, structurally sound, solid, stable, level and plumb, to ensure no more than 3/16" unevenness per 10-foot span.
6. Concrete subfloors must not exceed a moisture vapor emission rate of 3 lbs./1000 ft^2/24-hr (ASTM F1869), 85% relative humidity (ASTM F2170) or 2.0% moisture content (CM method). All concrete subfloors must have a 6-mil polyethylene vapor barrier installed before laying the flooring, preventing moisture and vapor from migrating up into the plank cores. This product has an attached 2mm underlayment.
7. Flooring can be installed over existing firm floors (linoleum, PVC) and ceramic tile floors, provided grout lines are filled and leveled with a cement-based patching compound, but all wood or laminate floors must be removed.
8. Since this floor requires a floating installation, a minimum expansion gap of 1/2" must be left along the entire perimeter of the area and all fixtures, to allow for expansion. Do not fill this gap with any rigid material; it must remain free to allow the floor to move.
9. Seal the entire perimeter where the flooring meets walls, cabinets, fixtures and thresholds with a high-quality 100% silicone sealant. Do not use acrylic or latex caulk. The silicone spans the expansion gap and prevents water from entering along the edges and reaching the plank cores or the subfloor.
10. Around all pipes, toilet flanges and other floor penetrations, cut the plank to leave a small gap and fill it completely with 100% silicone sealant so water cannot enter at these points.

11. At all doorways and transitions to adjoining rooms, seal the joint with 100% silicone before installing the transition molding. Nail or screw moldings to the wall only, never to the floor, so the floor can still move freely.
12. Any flooring area exceeding 1,225 square feet and/or 35 linear feet must use transition moldings.
13. A maximum of 10% sheen variation between planks is considered normal.
14. Flooring is not recommended to be installed over any electrical radiant heating systems. Only radiant heated systems using water are recommended. Maximum heating temperature must not exceed 81°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 is working properly.
    - Moisture content on the screed must not exceed 1.5%.
    - Shut down the heating system at least 48 hours prior to installation.
    - Keep room temperature between 68°F and 77°F during installation.
    - After the flooring is installed, turn on the heating system gradually, from minimum to maximum, within a 1-hour period.
15. Agree with the client on which direction the floorboards should run, since this influences the visual size ratio of the space.
16. Pre-plan the floor by measuring the room first. If the width of the last row is less than 2" (5 cm), saw the first and the last plank to equal width.
17. 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.
18. The use of a pull bar and tapping block is recommended to ensure a successful install.
19. Flooring provides a very tight fit. Proper care must be used to ensure all seams are tight at the end of the install. An unprofessional installation or the use of improper tools can result in damage to the click profiles.
20. Do not store boxes or planks standing on end or leaning vertically against a wall, since this may damage the click system.
21. If more than 5% of the product pulled out of the cartons is showing defects, stop the installation immediately and contact your sales representative. Product cannot be used for exterior applications. Never install on ceilings or countertops.

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

STEPS TO FOLLOW

1. Start with the first plank in the left corner of the room, tongue-side facing the wall. Work from left to right. Add spacers between the plank and the wall to create a 1/2" expansion gap. Position the following planks as an exact extension of the first one.
2. Cut to fit the last plank of the row. To do this, you can use a miter saw to cut through the plank at the appropriate point.
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. To position the planks together, starting with the first board 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, a tapping block or a pull bar.
4. Lever the next plank in place from the front side, so that only a very short distance remains for it to be pushed into the lengthways connection.
5. Raise the plank slightly and push it into the lengthways tongue, first close to the front connection and then the rest. Make sure seams are tight on ends and sides using a pull bar or tapping block before proceeding. Continue the installation to the last row of planks, as described.
6. People can walk on the flooring immediately after the installation. Remove the spacers. Nail or screw moldings to the wall, never to the floor.
7. How to shorten doorframes: position a loose plank facing down close to the doorframe and cut with a jamb saw.

MAINTENANCE

Clean regularly with a damp mop and a laminate floor cleaner, available at most retailers. Do not spray excessively, pour liquid directly, or leave moisture standing on the laminate floor. Always use chair protectors under furniture and on chair legs. Felt pad protectors are best.

25 YEARS RESIDENTIAL / 5 YEARS LIGHT COMMERCIAL WARRANTY

Residential: This flooring is covered by a 25-Year Limited Residential Warranty against manufacturing defects and wear-through, valid from the date of purchase by the original owner for the first installation of the product. This warranty applies only to the original end user with proof of purchase and is non-transferable. Floors must have been installed by a licensed and insured professional to be eligible for any claim, and installed and maintained according to the instructions supplied with each carton. Coverage is prorated over the 25-year term: 100% material credit in years 1-5, 75% in years 6-12, 50% in years 13-20, 25% in years 21-25, 0% after year 25.

Light Commercial: This flooring is covered by a 5-Year Limited Light Commercial Warranty against manufacturing defects and wear-through when installed and maintained according to the instructions supplied with each carton, in qualifying light commercial applications. This warranty applies only to the original end user with proof of purchase and is non-transferable. Floors must have been installed by a licensed and insured professional to be eligible for any claim. Coverage is prorated over the 5-year term: 100% material credit in years 1-2, 60% in years 3-4, 25% in year 5, 0% after year 5.

This warranty covers the replacement or refund of the material only, not 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, and 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.

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. A claim process takes up to 90 days to process, from the date it is reported. A detailed description with images of the issue that clearly show the problem is required. Contact your 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.

The manufacturer reserves the right to modify the contents of this warranty at any time 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 contact your local retailer. Describe the problem, and in many cases the retailer can provide you with a solution.

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PARKAY® IMPACT

TEST REPORTS

TEST REPORT

No.: XMIN2605001031CM01_EN **Issue Date: 2026-06-05** **Page 1 of 6**

Sample Name	:	Laminate Flooring
Product Specification	:	1515*237*10mm
Material	:	HDF

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

****

Sample Source	:	Customer-delivered
Date of Receipt	:	2026-05-16
Testing Period	:	2026-05-16 ~ 2026-05-26
Test result(s)	:	For further details, please refer to the following page(s) (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co.,Ltd. Xiamen Branch

Bryan Hong Authorized signatory

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Summary of Results:

No.	Test Item	Test Method	Result
1	Determination of Impact Sound Insulation Class	ASTM E492-25 ASTM E989-21	IIC = 68
2	Airborne sound transmission loss test and class	ASTM E90-23 ASTM E413-22	STC = 66

Original Sample Photo:



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Test Condition:

Sample Description	:	Flooring (see the photo) Total Thickness:10mm, surface density: about 7.5kg/m^2
Test conducted	:	IIC: ASTM E492-25, ASTM E989-21 STC: ASTM E90-23, ASTM E413-22
Project description	:	No decoration of sample surface and installation assembled directly. The test specimen was covered on a 150mm concrete floor with a drop ceiling, testing area 11.3m^2, the drop ceiling construction showed in following: Drop ceiling: 288mm cavity filled with 50mm glass wool, 12mm gypsum board.
Test Equipment	:	RTA840 system
Test Environment	:	Source room volume 125m^3, receiving room volume 100m^3, air temperature 24.5 °C, air humidity 36.9%

检验检测专用章 Inspection & Testing Services

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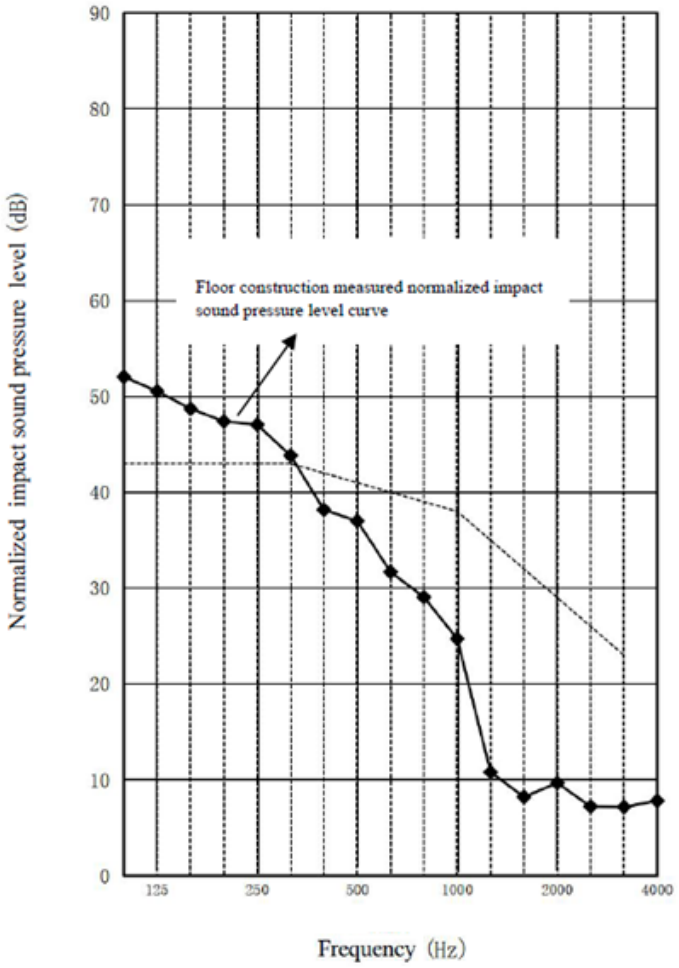
Frequency spectrum (IIC)

f Hz	*Ln* dB
100 125 160	52.0 50.5 48.7
200 250 315	47.4 47.1 43.8
400 500 630	38.2 37.0 31.7
800 1000 1250	29.0 24.7 10.8
1600 2000 2500	8.2 9.7 7.2
3150 4000	7.2 7.8
IIC = 68	



Remark: L_n as the weighted normalized impact sound pressure level

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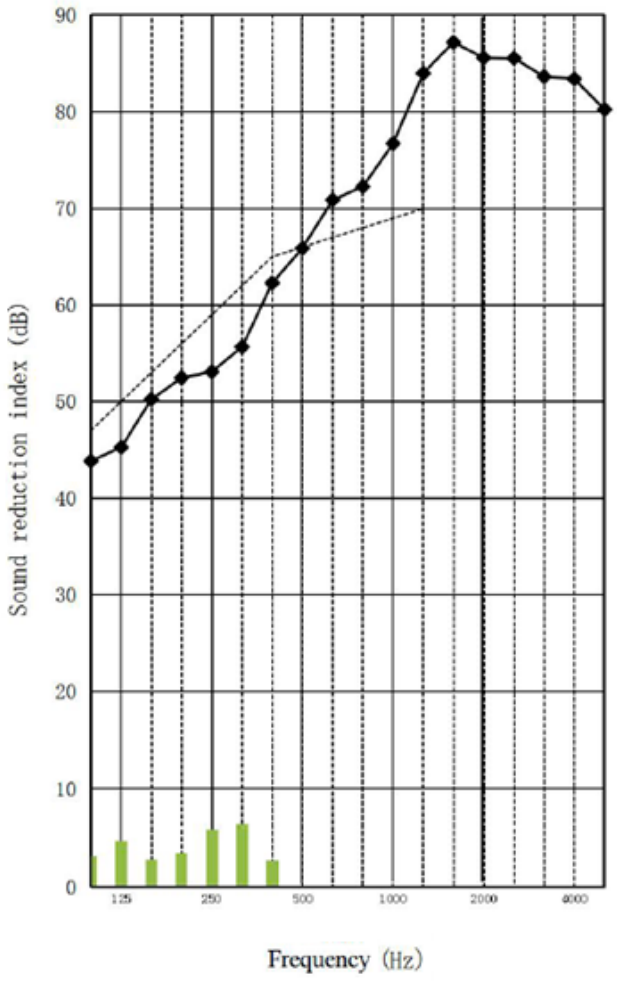
Frequency spectrum (STC)

f Hz	*TL* dB
100	43.8
125	45.3
160	50.2
200	52.4
250	53.1
315	55.7
400	62.3
500	65.9
630	70.9
800	72.3
1000	76.7
1250	84.0
1600	87.2
2000	85.6
2500	85.5
3150	83.7
4000	83.4
5000	80.3
STC = 66	



Remark: *TL* is the transmission loss.

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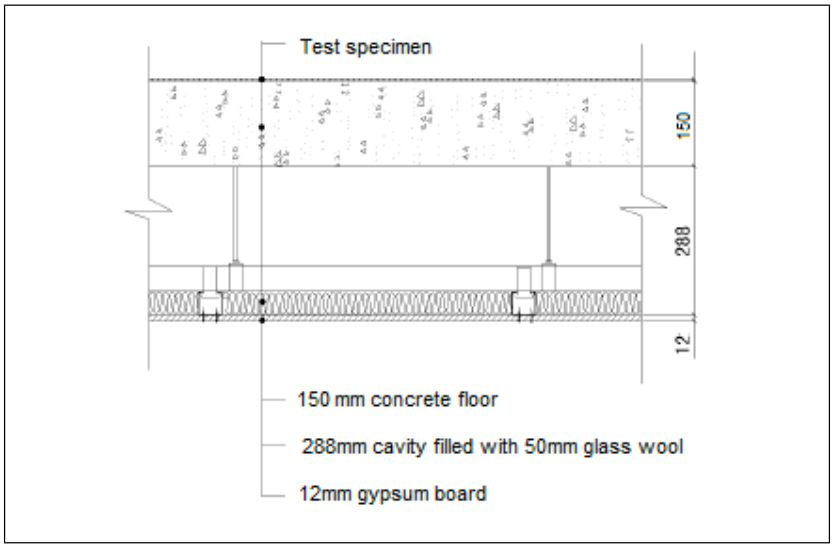
The constructional drawing of the floor/ceiling assembly system



Remark: The above test project/method was carried out by subcontractors.

********End of report********

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