



# PARKAY® | MERCURY WPL

PRODUCT SPEC SHEET

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[www.parkayfloors.com](http://www.parkayfloors.com)



# SPECS

## Waterproof Performance Laminate benefits



Waterproof Performance Laminate

CORE BOARD  
HDF MR GREY

Our core has unique low swelling properties. The grey color of the panel is an unmistakable visual cue for the Waterproof Performance feature.

Manufacturer tested for water-resistance up to 72 hrs.



Natural Resources



Child & Pet Friendly



Wet Moppable



Steam Moppable

# COLORS

## Parkay Mercury WPL - Laminate series

The 8 mm thick Parkay Mercury WPL series flooring has a oversize 9-5/8" plank width and is suitable for all indoor areas due to the moisture-resistant "MR grey" HDF core, patented tight lock click system and very high abrasion class.

Saturn Mix Brown



Venus Mix Gray



Galaxy Gray



Nova White



Cosmic Oak



Orbit Oak



Gamma Walnut



Sky Gray

# PRODUCT DATA SHEET

Parkay Mercury Collection WPL - Laminate series

	VALUES	MERCURY WPL	NORMS
Thickness	mm	8	EN 13329
Width	in	9-5/8"	EN 13329
Length	mm	54-3/8"	EN 13329
Level of use		33	EN 13329
Abrasion resistance		AC 5	EN 13329
Locking system		Patented Tight Lock Click	
Thickness swelling	%	≤ 10	EN 13329
Impact resistance small ball	N	≥15	EN 13329
big ball	mm	≥1000	
Warranty domestic / commercial	years	35   5	
Micro-scratch resistance		MSR-A2	EN 13329
Surface soundness	N/mm <sup>2</sup>	1.25	EN 13329
Electrostatic propensity	kV	≤ 2	EN 1815
Thermal resistance	(m <sup>2</sup> K)W	0.059	EN 12667
Declaration of performance (DoP), antistatic	KCH_LF_006	KCH_LFa_006	•
Effect of a furniture leg		No damage	EN 13329
Castor chair test		No damage	EN 13329
Resistance to staining		Groups 1, 2: level 5   Group 3: level 4	EN 13329
Light fastness		Blue wool scale 6   Grey scale ≥ 4	EN 13329
Reaction to fire		C <sub>fl</sub> -s1	EN 13501-1
Slip resistance		DS	EN 14041
VOC emission 28 days	µg/m <sup>3</sup>	<100	ISO 16000
Formaldehyde emission (raw HDF board)	ppm	≤ 0.1 (E1)	EN 717-1
	ppm	≤ 0.11 (CARB P2 / TSCA TITLE VI)	ASTM D6007
Composition		Renewable energy > 90%   wood fibres ~80%   Swiss Wood   UF-Resin ~15%   no post-consumer recycled content	
Further information		No chlorides   no biocides   heavy-metal free coating   Thermally recyclable	

# PRODUCT DATA SHEET

## Tolerances

Thickness, t	$\Delta t$ average	$\leq 0.50$ mm
	<b>t max</b> – <b>t min</b>	$\leq 0.50$ mm
Length, l	$\Delta l$	$\leq 0.50$ mm
Straightness, s	<b>S max</b>	$\leq 0.30$ mm/m
Openings between elements, o	<b>O average</b>	$\leq 0.15$ mm
	<b>O max</b>	$\leq 0.20$ mm
Dimensional variations after changes in relative humidity, $\square$	Width: $\delta w$ average	$\leq 0.9$ mm
	Length: $\delta l$ average	$\leq 0.9$ mm
Width of the surface layer, w	$\delta w$ average	$\leq 0.10$ mm
	<b>W max</b> – <b>W min</b>	$\leq 0.20$ mm
Squareness, q	<b>q max</b>	$\leq 0.20$ mm
Height differences between elements, h	<b>h average</b>	$\leq 0.10$ mm
	<b>h max</b>	$\leq 0.15$ mm
Flatness, f	$f_w$ , concave $\square 0.15$ %   $f_w$ , convex $\square 0.20$ %	
	$f_l$ , concave $\square 0.50$ %   $f_l$ , convex $\square 1.00$ %	

# INSTALLATION INSTRUCTIONS

## Parkay Mercury WPL - Laminate Series

- 1 Flooring needs to be acclimated.** Stored flat and fully supported during shipping and storage. Allow 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 or 20° - 25°C for a period of 48 hours prior to installation.
- 2** Check flooring for possible defects prior to the installation. **Complaints can only be accepted before installation.** Slight variations in color and textures 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, plumb,** to ensure no more than 3/16" unevenness per 10-foot span.
- 6** Subfloors presenting vapor emissions between 2.5% to 5% (CM-Method), must install a 6mil Poly-plastic block before laying the cushioned underlayment. **All concrete subfloors must use plastic block for extra moisture protection.** Parkay Floors recommends "Polyguard 6" as the ideal poly block to protect against moisture.
- 7** **A cushioned underlayment is required when installing flooring.** Underlayment/Foam must be between 2mm and 3mm thick. Parkay Floors® recommends "Sound Guard PRO" as the ideal underlayment when requiring a sound proof.
- 8** Flooring can be installed over existing firm floors (Linoleum, PVC), non-grout separation tile floors, but **all wood or laminate floors must be removed.**
- 9** 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 fixtures, to allow expansion.

- 10 Any flooring area exceeding 1,225 Square Feet and/or 35 Linear Feet must use transition moldings.
- 11 A maximum of 10% sheen variation in between planks is consider normal.
- 12 **Flooring is not recommended to be installed over any electrical radiant heating systems. Only radiant heated system using water are recommended.** Max heating temperate 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'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 temperate between 68°F and 77°F during the installation.
  - > After flooring is install, turn on the heating system gradually, from minimum to maximum within 1-hour period.
- 13 **Agree with the client on which direction the floor boards should run** since this influences the visual size ratio of the space.
- 14 **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.
- 15 **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.
- 16 **The use of pull bar and tapping block** is recommended to ensure a successful install.
- 17 **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. Do not lean boxes or planks on a vertical position against the floor, since it might brake the click system.
- 18 **If more than 5% of the product pulled out of the cartons is showing defects, stop the installation immediately and contact your, Parkay® representative.**
- 19 **Product cannot be used for exterior applications.** Never install on ceilings or countertops.

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 that you open cartons and install a mix of planks from each different production run on your floor. This will result in a more natural looking floor.

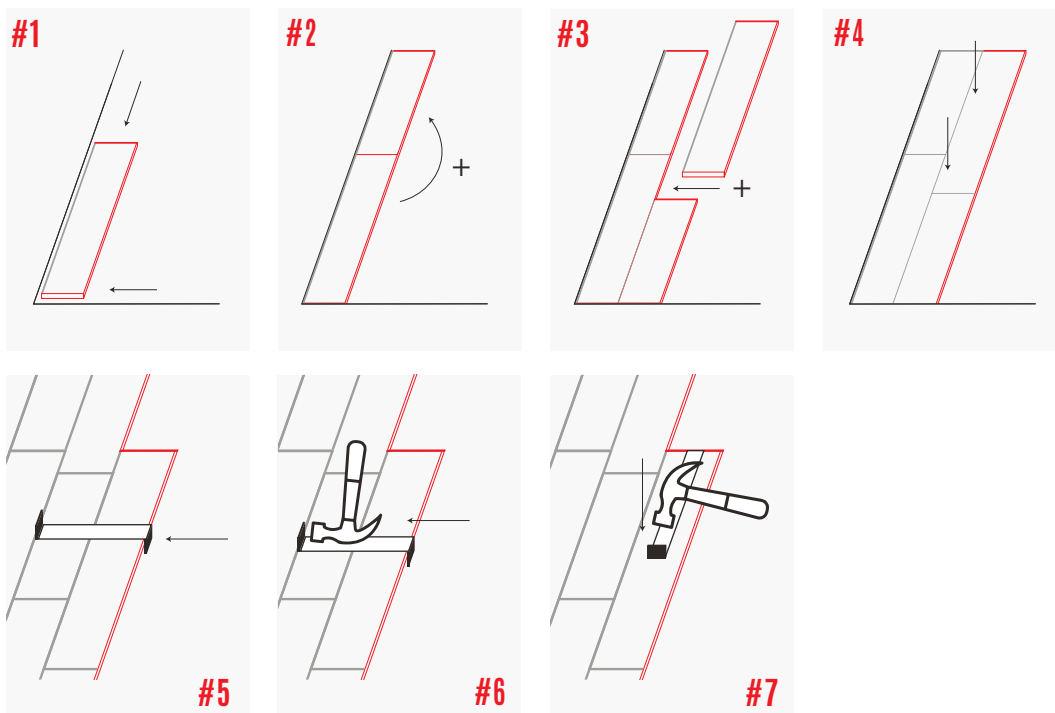
# HOW TO INSTALE

## Material required

- > Calcium Chloride Moisture Test.
- > Underlayment Foam (2mm to 3mm thickness).
- > 1/2" Thick Spacers.
- > 100% Transparent Silicon Sealant.
- > PE Foam Backer Rod
- > Finish Putty and felt pads for under furniture.

## STEPS TO FOLLOW

Parkay Mercury Collection WPL



- #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.
  - > Add spacers in between the plank and the wall to create a 1/2" expansion gap.
- #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 laminate flooring cutter (Raptor M13 Laminate floor guillotine) or a miter saw to cut thru the plank at the appropriate point.



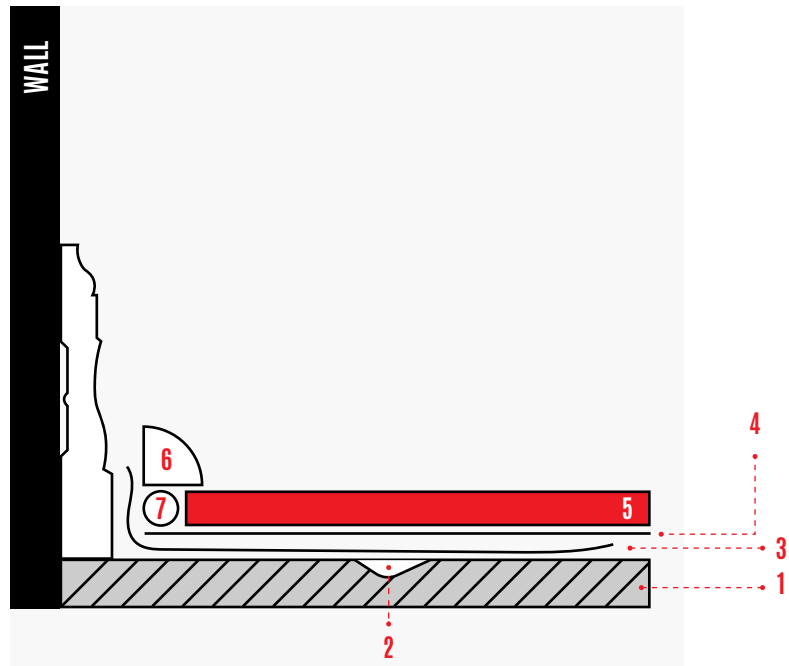
- #3 Begin the second row with the cut-off end to start the next and subsequent rows. Allow at least a 6" stagger for the end seams. For positioning the planks together, starting with the first board in the row, raise the plank at a 45-degree angle, insert the lengthways tongue into the lengthways groove and lower the sheet while holding the two together until they are flat and tightly together. Close the join using hand pressure or tapping block or 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.
- #5-6-7 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 a pull bar or tapping block before proceeding. Continue the installation to the last row of planks, as described.

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

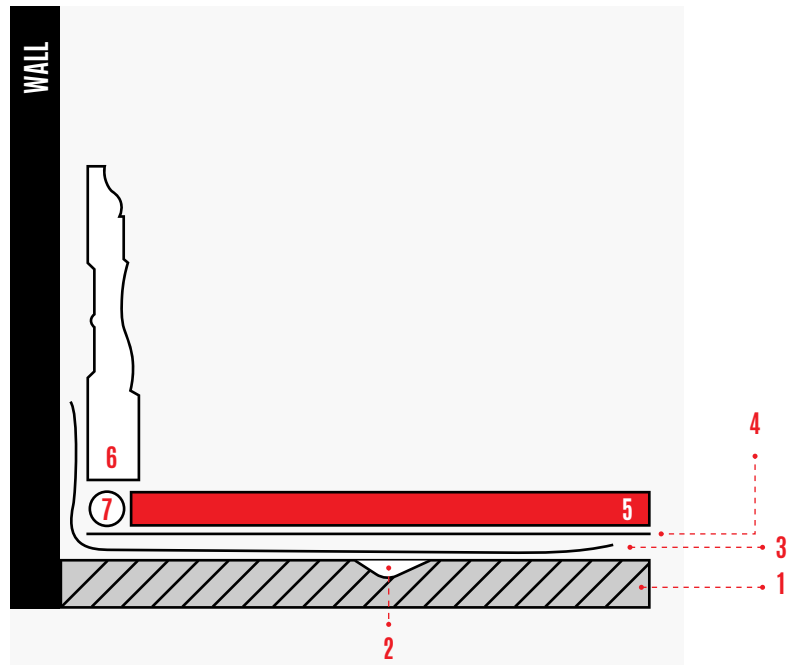
**How to shorten doorframes:** Position a loose plank facing down close to the doorframe and cut with a jamb saw.

**Final touches:** After removing all spacers, create waterproof installation by applying a 100% silicone sealant to the entire perimeter of the area installed. First fill all expansion spaces with 3/8" compressible PE foam backer rod and cover it with silicone sealant. Prior to installing the transitions moldings, apply silicone sealant to the portion of the transition molding that will be in contact directly with the laminate flooring. Install transition moldings and immediately wipe away any excess silicone sealant. Apply silicone sealant at connections to doorframes or any other fixed objects. Parkay floors recommends "Truper Transparent 100% Silicone Sealant", as ideal for your Mercury flooring installation.

### Installation **with** an existing baseboard



### Installation **without** an existing baseboard



### SYMBOLOLOGY

- 1 Concrete / Wood Sub-Floor
- 2 Leveler (if required)
- 3 6mil Poly Plastic Sheet (show 4' up the wall)
- 4 2mm to 3mm underlayment
- 5 Mercury WPL Flooring
- 6 Quarter-Round
- 7 Siliconized Caulking

# MAINTENANCE

## Parkay Mercury Collection WPL

Clean regularly with a damp mop with a laminate floor cleaner, available at your local market. 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. Teflon protectors are best.

# WARRANTY

35 years residential / 5 years light commercial warranty

- > Our 5 years limited light commercial warranty for PARKAY WPL FLOORING means that for five years, from the date of purchase from the original owner and first installation of the product, 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 not transferable. Floors must have been installed by a licensed and insured professional to be able to process any claim. The guarantee is for 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 are not 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 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 (35 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 is contacted. We require a detailed description with images of the issue that clearly show the problem. Contact Parkay 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.

For service under this warranty or technical questions, please go to  
[WWW.PARKAYFLOORS.COM](http://WWW.PARKAYFLOORS.COM) or contact your local retail.