

# Technical Data

## Specifications

Product	Thickness	Wear layer (mm)	Width & Length (mm)	per BOX
Dryback	2.0	0.1 / 0.3	187 x 935	28pcs(4.89sqm)
	2.5	0.3 / 0.5	187 x 935	23pcs(4.02sqm)
			470 x 470	18pcs(3.97sqm)
3.0	0.3 / 0.5 / 0.7	187 x 935	19pcs(3.32sqm)	
		470 x 470	15pcs(3.31sqm)	
Eco Click	4.3	0.5	176 x 940	12pcs(1.98sqm)
			169 x 1210	10pcs(2.04sqm)
Eco Loose Lay	5.0	0.3 / 0.5	177.8 x 1219.2	10pcs(2.17sqm)
			228.6 x 1219.2	8pcs(2.23sqm)
			470 x 470	10pcs(2.21sqm)
			600 x 600	7pcs(2.52sqm)

## Specific Measurements

Type & Composition		PVC Laminated Floor Covering
Application		Commercial, Residential
Surface Treatment		PU & Anti-bacterial, Per design
Profile		Beveled / Non-beveled, Per design
Tile Size (mm)	EN 427	470x 470, 187x 935
Total Thickness (mm)	ISO 24346 (EN 428)	3.0
Wear Layer Thickness (mm)	ISO 24340 (EN 429)	0.3 0.5 0.7
Fire Rating	EN 13501-1	Bfl - S1
	Mekel Bumer Test	Pass
Heat Stability	KSM 3802	0.3mm / 0.05(80°C + 2°C, 6hr / hr)
Slip Resistance	BS 7976-2	PVC Laminated Floor Covering RZ Surface Roughness : Moderate
Residual Indentation	EN ISO 24343-1 (EN 433)	≤ 0.10 mm
Color Fastness	ISO 105-B02	≥ 6
Dimensional Stability	ISO 23999 (EN 434)	≤ 0.25 %
Flexibility	EN 435	No Crack was found
Electrical Behavior	EN 1081	Pass



Creates special space with differentiated design and pattern



Providing high stability and comfortable walking



Easy cleaning and maintenance with special surface treatment



Maintaining eco friendly space with no harmful chemicals



Strong at dent and scratch

## Installation & Maintenance

### Preparations

1. The surface of the floor must be completely dry. Please note that even though the floor may appear dry, it may still retain moisture. Moisture testing is a mandatory step in subfloor preparations.
2. In newly constructed buildings, it is necessary to dry the flooring surface for 7 to 14 days prior to application to ensure that no moisture is retained in cement surfaces.
3. Any polish, paint, dirt, etc. must be completely removed from the floor before installation. Sweep the entire floor to remove any sand, soil and debris on the surface by using dried mop.
4. Ensure that the floor surface is flat and level. Use a scraper to flatten the floor surface or a putty knife to remove gum and/or labels.
5. Maintain the room temperature above 15°C (59°F) before installation. Adhesive and flooring products must be kept in the same environment for at least 24 hours before installation begins.
6. Use only DeART recommended adhesives.

### Installation

1. Prepare all rulers, cutters, adhesives, spreaders, and compass dividers before commencing work.
2. Check that all application products are of the same batch/lot number.
3. Find the exact center of the floor by marking vertical and horizontal lines across the floor.
4. Measure the squareness of the marked lines, and then start applying adhesives on the first quarter of the marked floor space.
5. Work on small portions of the floor at a time, and apply adhesives accordingly. Optimum usage of adhesive is 0.3 to 0.45 kg per square meter.
6. Approximately 20 to 30 minutes after applying adhesive, lay the flooring products.
7. Keep a distance of 1 mm from the wall and the edge of the flooring products. Press products down firmly so that the product lies flat on the ground.
8. As the adhesives are highly flammable, avoid any contact with sparks or open flames.
9. As the adhesives dry quickly, remove excess adhesive immediately by using alcohol or alkali water.

### Maintenance

1. In order to allow the flooring adhesives to be cured, restrict traffic and do not move furniture onto a newly installed floor for at least 24 hours after installation. Additionally, clean the newly tiled floor at least 3 days after installation.
2. Be careful not to put any dents or marks on the floor when moving heavy furniture.
3. Furniture polish and / or rubber supports may leave stains on the floor surface over a long period of time. Check the bottom of furniture to ensure it is clean before moving it on to the floor.
4. The application of surface dressing should be done depending on the different conditions. Under high traffic conditions, the dressing should be stripped and reapplied every one or two months. However, under general housing conditions, this may only need to be done once every six months.
5. When removing stains and polish, do not use dense solvents or household cleaning fluids. Instead, use general floor polish removers and cleaners with alkali water.

### Adhesives

Acrylic latex based adhesives (Commonly called as Acryl adhesive)

- Applied over the sub-floors so that its surface retains almost no moisture.
- As it is non-toxic and a soft adhesive power, it provides for easy maintenance following installation.
- Use 1/8 inch notched steel trowel when applying.

Chemically Engineered Resin Based Adhesives (Commonly called as Urethane adhesive)

- Provides moisture and alkali resistance over non-porous surface.
- Use 1/8 inch notched steel trowel when applying.

Thermosetting Epoxy Adhesives (Commonly called as Epoxy adhesive)

- Recommended for use in places subjected to excessive heat or being cold and damp.
- To be mixed in unequal quantities of two parts epoxy resin immediately prior to application.
- Use 1/16 inch notched steel trowel when applying.