# LUXURY VINYL PLANK 101

Luxury Vinyl Plank is becoming a major flooring category because it is versatile, stylish, durable, and affordable. LVP is pet-friendly, kid-friendly, water resistant, and easy to maintain. These products can be used in areas that are not suitable for engineered wood such as bathrooms and utility rooms.

## Construction

#### Foundation

All LVP's start with a foundation that consists of a base layer(s) of PVC. The layers create the structural range that is measured in millimeter thickness. Most products range between 2MM to 5 MM thick. The bottom **balancing layer** of PVC contains a higher content of PVC resin, or a plasticizer to balance the product with the top **wear layer**. Fiber glass is sometimes added between layers for additional structural stability.

#### Design Layer

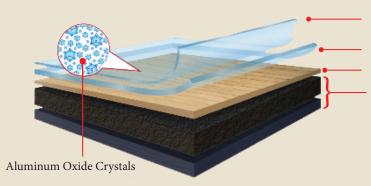
Design is achieved by a printed decorative layer that gives the product the desired look and style. The decorative film is high definition photo imagery giving the film great clarity.

#### Performance/Wear Layer

The wear layer is what we see and touch once the product is installed. It is a clear layer that allows the design of the plank to come to life. Good wear layers are critical for good product performance. Wear layers are measured in Mil thickness (the same as plastic) and range from 6 Mils to 20 Mils.

#### Top Layer

This protective layer is a series of liquid urethane or PVC coatings that have been UV light cured. The top layer can include aluminum oxide crystals or other wear-enhancing ingredients for additional durability.



UV cured layer of liquid urethane with aluminum oxide crystals for enhanced durability Performance/Wear Layer

Design Layer

Foundation Base Layer(s) Possible Fiber Glass Layer Balancing Layer

### INSTALLATION METHOD

The preferred installation method of LVP is a glue down installation process. This method is the most proven and effective way to insure product stability and performance.

#### STYLE

Thanks to the high definition photo technology, many different wood looks are available in LVP. Planks are available in 6" to 8" widths and 36" to 60" in length. LVP is installed in a random "wood look" pattern, just like engineered wood floors.

## CARE AND MAINTENANCE

Easy to maintain, regular vacuuming or sweeping and a bit of damp moppint with a good vinyl floor cleaner is all that is needed to maintain the luster of this product. The list of things you do NOT want to do when maintaining your LVP flooring include using a vacuum beater bar, soap-based detergents, steam cleaner mops, or abrasive cleaners.

## WARRANTY INFORMATION

## MANUFACTURER WARRANTY INFORMATION

Luxury Vinyl Planks will be free of manufacturing defects for the duration of the warranty period which varies from manufacturer to manufacturer. Typical warranty period for most LVP products is 1 year.

Wear warranty is defined as "no visible wear through" of the wear layer for the specified warranty period. "Wear through" refers to complete loss of the wear layer so that the printed design layer is changed or affected.