



Understanding laminate flooring:

Laminates are essentially made up of three layers; these are bonded together, under very high pressure.

High-density fibreboard is sandwiched between a melamine backing, a high quality photographic paper and a melamine top layer.

The HDF/MDF (High-Density Fibreboard – Medium-Density Fibreboard) board is the core layer; this forms the core of the board and will dictate how strong and moisture resistant the board will be.

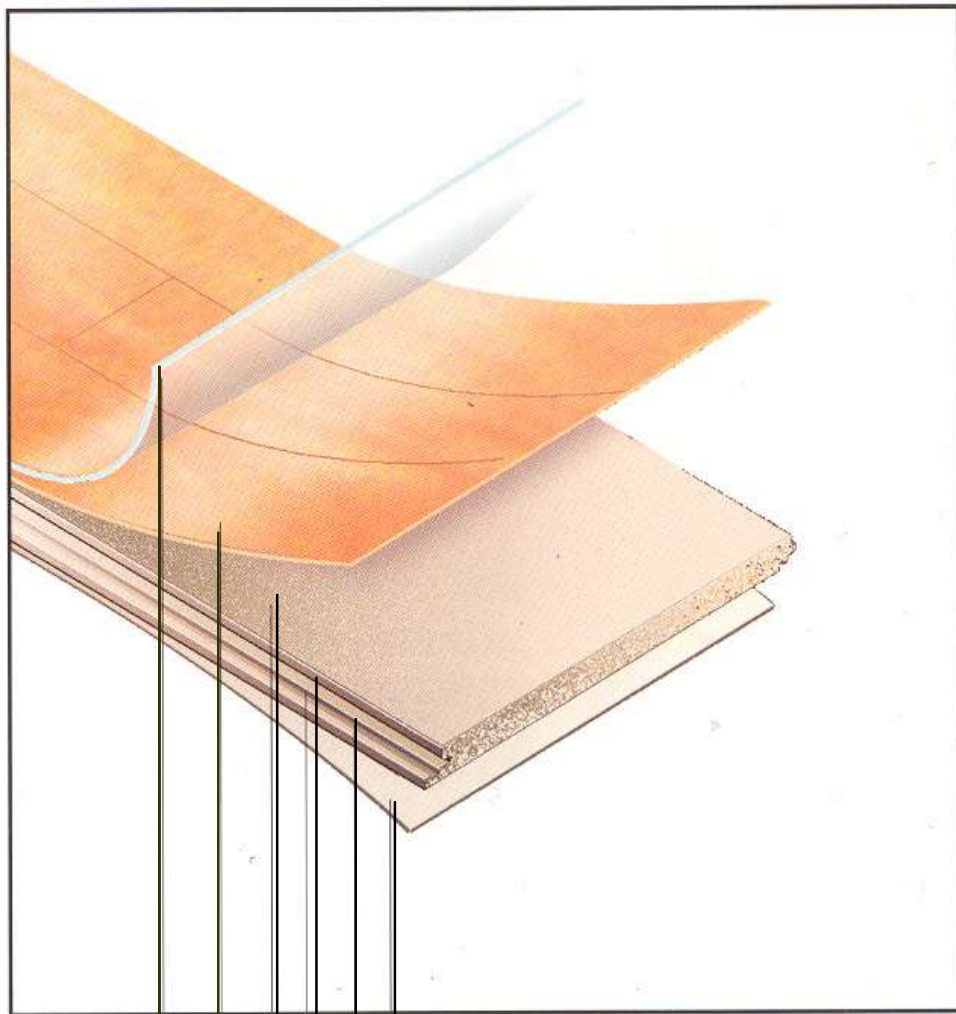
A better quality HDF board the less swelling will occur. Reputable manufacturers will display the density of the board; a good quality board will be in the vicinity of 900kg/m³.

The melamine layer is the stability layer; this is made up of moisture resistant resins and is applied not only to the top of the board but the bottom as well, this to prevent the boards from cupping or being skew.

The melamine resin will provide the surface protection and durability; in quality products this layer will contain aluminium oxide.

The photographic paper will give the image of wood, stone or other natural flooring required.

Please see the demonstration below:



— **Stabilizing melamine impregnated paper**

— **Patented HDF Integrated Locking System**

— **Sealed Edges**

— **HDF Core**

— **Melamine impregnated décor paper**

— **Melamine impregnated overlay for high wear resistance**