

COMPARATIVE ANALYSIS

VINYL FLOORING & OTHER FLOORING MATERIALS

Flooring Type	Advantages	Disadvantages
Vinyl	<ul style="list-style-type: none"> Rich color options Great design variation Wide range of applications Simple and quick installation Easy maintenance Anti-bacterial Soft and pliable Recyclable Self-extinguish after away from fire 	<ul style="list-style-type: none"> Combination of natural and artificial material High requirement on floor flatness
Solid Wood	<ul style="list-style-type: none"> Natural material Easy reconditioning by re-polishing Comparatively easy on maintenance 	<ul style="list-style-type: none"> Difficult and high-cost installation Unsuitable for heavy loading Easily be indented Low temperature and humidity resistance causing shrinkage and curling Expensive and flammable Difficult on quality control due to different sources of material No sound-absorption function Good inhabitation for termites
Laminate Wood	<ul style="list-style-type: none"> Natural material Price lower than Solid Flooring Less installation requirements on flooring flatness Not easily be damaged by cigarette 	<ul style="list-style-type: none"> Cannot be repaired after damaged Slippery due to surface painting Moisture causing material expansion No sound-absorption ability Suitable for residential but not for commercial usage
Ceramic	<ul style="list-style-type: none"> Good abrasion resistance Easy maintenance Flexible on designs and colors Comparatively low price 	<ul style="list-style-type: none"> Hard for cutting and modeling Very heavy No sound-absorption function Easy broken with slightly movement on ground or vibration Slippery when wet Good thermal conductivity causing heat loss Difficult for reconditioning
Granite	<ul style="list-style-type: none"> Natural material Good abrasion resistance Few maintenance required 	<ul style="list-style-type: none"> Hard for cutting& patterning Less pattern selection Very heavy Good thermal conductivity causing heat loss Slippery Easy broken Difficult for reconditioning
Marble	<ul style="list-style-type: none"> Natural material Grand decoration materials 	<ul style="list-style-type: none"> Easily be scratched and contaminated Regular maintenance required No sound-absorption function Complicated installation Expensive Hard connection at the margin with other kinds of flooring Slippery when wet Chromatic aberration high and hard for recondition Difficult on quality control Easy broken on uneven flooring
Carpet	<ul style="list-style-type: none"> Good sound-absorption Soft and comfortable Low requirement for floor flatness Easy installation Wide range of design options and color selections Large price range for option 	<ul style="list-style-type: none"> Easy contaminated and difficult on cleaning Unsuitable in dust environment Flammable Inhabitation for bacterial and mite causing skin allergies and disease