



INDOOR PARQUET FLOORING

GUIDELINES FOR INSTALLATION
OF RELWOOD™ PARQUET
FLOORING



ABOUT RELWOOD™

- **Look & Feel of natural hard wood**
- **100% Water Proof**
- **100% Termite Proof**
- **High Fire Resistance**
- **Fungus & Mould Proof**
- **VOC Emission free**
- **No Splintering**
- **Does not crack or chip**
- **100% Recyclable**
- **UV Resistant**

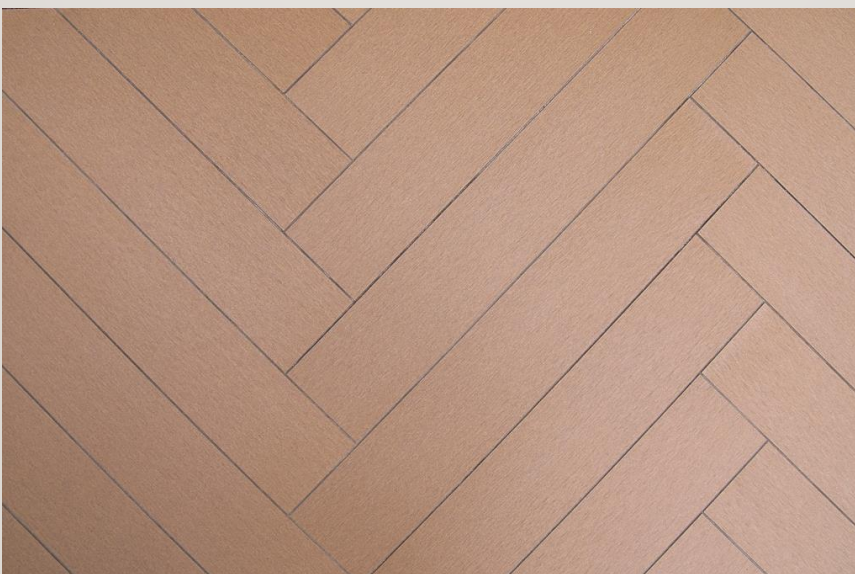


INSTALLATION GUIDE

- Finished product look – Herringbone Design



Example 1



Example 2

METHODOLOGY

- **STEP 1**

- Take a RelWood™ UPB sheet of 8 mm or 12 mm as per the area requirement
- Lightly sand the sheet with a 200 grit sand paper
- Apply the stain. Water based stains or Hydro oil are recommended. The stain may be applied using cloth or brush or spray followed by brush or roller application or vacuum application
- After drying for 2 to 4 hours, you may apply a second coat of stain if needed
- 2 coats of lacquer is recommended for heavy use floors
- After the stain is dried for approx. 4 hours. Deep Matt to Gloss – all surface finishes are possible. Lacquer can be applied using brush or spray. Drying time depends on the material – can range from 24 to 72 hours depending upon the lacquer used and weather or environmental condition

METHODOLOGY

- **STEP 2**
 - CNC cut the finished RelWood™ UPB sheets like below



- **STEP 3**
 - Glue it using PU based adhesive
- **STEP 4**
 - Fill the gaps using a flexible dispersion based grouting material. Do not use Flexible Cement based material.

TECHNICAL DETAILS

Characteristics	Standard	Value
Density	ISO 1183	0.65 +/- 0.1 g/cm ³
Tensile Strength	EN 789	9.0 N/mm ²
Tensile module of elasticity	EN 789	732 N/mm ²
Bending strength	EN 310	17 N/mm ²
Bending modulus of elasticity	EN 310	688 N/mm ²
Screw extraction value	EN 320: 2011 -07	1200 N
IZOD impact strength	ISO 180/1eA	2.9 kJ/m ²
Thermal linear expansion	ISO 11539-2/DIN 53752	4 *10 ⁽⁻⁵⁾ K ⁽⁻¹⁾
Water vapour diffusion resistance	DIN EN ISO 125752	High
Water absorption	Based on EN 317	< 1% (24h) – Res
Water absorption / length	Based on EN 317	< 0.1% (24h) – Res
Fire behaviour	UL V94	V0
Resistance against fungi	DIN V ENV 12038:2002	Class I
Resistance to rotting	CEN/TS 15083-2	Class I
Resistance to termites	ASTM D3345-08	High

Flooring concepts
that match your Style

