

PART 1 - MATERIALS

1.1 Pre-finished hardwood flooring, consisting of a top layer of .55mm thick sawn natural wood with a High Density Fiberboard (HDF) core.

1.2 **Satin Flooring Horizons Frontier** flooring shall be:

- 1.2.1 *Size:* 6 3/8" x 88 9/16".
- 1.2.2 *Total Thickness:* 3/8" (nominal) – 9.5mm.
- 1.2.3 *Type of Finishing:* Matte Smooth Finish - Classic.
- 1.2.4 *Edge Type:* 4 side micro bevel.
- 1.2.5 *Top Layer:* Natural Sawn Real Hardwood Wear Layer.
- 1.2.6 *Type of Core:* High Density Fiberboard >850kg per m³
- 1.2.7 *Type of Backing:* 1mm Cork Backing
- 1.2.8 *Assembly System:* Gforce (Valinge 5G).
- 1.2.7 *Colours:* 8 Standard Colours available in White Oak. Custom colours available on request.
- 1.2.8 *Type of Installation:* Floating or Glue Down.

1.3 Accessories:

- 1.3.1 Satin Flooring Colour Coordinated Prefinished Mouldings; T-Moulds, Reducers and Nosings.

PART 2 - PACKAGING INFORMATION

- 2.1 Square feet per carton: 31.4 sq. ft.
- 2.2 Weight per carton: 49.0 lbs.

PART 3 – EXECUTION

3.1 Site Verification of Conditions and Preparation

- 3.1.1 Ensure sub-floors are clean, firm, flat (within 3/16" / 4mm in 10 ft / 3m), dry (less than 3% moisture on concrete, 10% or less on plywood) and smooth. Satin Flooring Horizons Frontier can be installed above, on or below grade, over any solid and stable sub-floor including plywood, chipboard, old non-creaking flooring boards, hardwood flooring, concrete slabs, PVS and most ceramic tiles (except heavily embossed tile).
- 3.1.2 Remove all existing carpet, baseboards, quarter round and thresholds. Undercut door jams using a piece of the same flooring material as a guide.
- 3.1.3 Repair all defects in sub-floor.
- 3.1.4 Ensure all doors can still open and close after installing the floor (minimum 1 cm [1/2"] clearance). The doorframes may need to be adapted.
- 3.1.5 Make sure all doors and windows are in place and that the room where Satin Flooring Horizons Frontier material is to be installed is at an approximate temperature of 15° to 21°C (60° to 70°F) and relative humidity of 30-55%.

3.2 Installation:

- 3.2.1 Cover the entire sub-floor with Satin Flooring Stop Basic or Stop Transmission Underlay and run poly up to 10cm (4") on each wall. If using Eco STOP, follow manufacturer's instructions.
- 3.2.2 Install planks according to manufacturer's instructions. Expansion wedges must be used on walls to allow for proper expansion space (8 to 10 mm) or 3/8"). Areas over 10m (30') long or wide will require an expansion moulding.
- 3.2.3 Expansion space may be covered by a moulding, which is not fixed to the floor, but to the wall.
- 3.2.4 If a vapour barrier (as required with Eco Stop underlay) has been used, attach the baseboard through the plastic membrane sticking up from the floor, using finishing nails.

3.3 Cleaning:

Clean the floor by sweeping or vacuuming, or use Satin Flooring Floor Cleaner.