

# FLOOR AND WALL TILES SUB-FLOOR INSTALLATION SUGGESTIONS

## APPLICATION/INSTALLATION OF A 3/4" 13 PLY BALTIC BIRCH SUB-FLOOR

- Floor surface to be flat; no sloping/cupping greater than 1/8".
- Fill all pock/holes greater than 3/4" with Ardex floor patch.
- All sub-floor material to be dry fitted prior to glue installation.
- All wall cuts to be no greater than 1/2" and no less than 1/4" gap.
- Clean floor thoroughly so that it is dust-free prior to gluing.
- Prep for 60" x 60" plywood (3/4" 13 ply Baltic Birch plywood).
  - Sheeting to be run in a staggered row pattern.
  - Screw pattern for 2" TapCon (all screws to be counter sunk 1/8" from surface)
  - Corners to be attached 3/4" from edges at all four corners.
  - Screws to be installed at perimeter 1' apart on all four sides.
  - Screws to be installed in each sheet in 4 rows, 1' apart for a total of 16 screws.
  - Total of 36 screws per 60" x 60" sheet
- Wood Biscuits installation per 60" x 60"
  - Install 5 biscuits per each side that require attachment to another sheet of plywood.
  - Starting with 4" to 6" center from each corner of the sheet, equally space the remaining 3 biscuits between the corner biscuits on each side of the sheet.
- Sand down all high side joints until flush, lightly filling screw locations and miter joints with Ardex Feather Finish.
- When installation of sub-floor is complete, protection of the floor will be required if the space still under construction; we suggest 1/8" Masonite with all joints to be taped.

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