

PopPly 5.5™

HANDLING & INSTALLATION PROCEDURES

STORAGE

PopPly 5.5™ should always be stored flat. Support the panels by stacking on four-foot long 2" x 4" runners spaced evenly at least every 16 inches. PopPly should always be stored indoors protected from rain, snow, extreme temperature and humidity.

ACCLIMATION

PopPly should always be acclimated to avoid expansion and contraction after the installation. Deliver PopPly to the job site 24 hours prior to installation to acclimate. Avoid temperature extremes.

JOB SITE CONDITIONS & PREPARATION

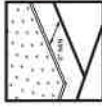
Make sure that the subfloor is sound and meets the standards for local building codes. All uneven joints, cupped floor boards or ridges must be sanded until level and smooth before the installation of PopPly. Replace wood that has voids, correct squeaks and check for nails or screws that are protruding above the subfloor. The subfloor should be dry and free of oil, dirt, debris and deposits of paint, caulk, drywall compound, before installing PopPly. Do not use PopPly over strip wood floors with floorboards greater than three inches wide. If the home has a crawl space install a vapor barrier on the ground to prevent moisture from migrating into the subfloor and floor joists. Also the crawl space should be well ventilated.

IMPORTANT: PopPly 5.5 is manufactured to stringent quality standards, however, final inspection of each panel is the responsibility of the installer prior to installation. Make sure that each panel is free of surface defects prior to installation.

PopPly 5.5 is Ultrasonically tested to ensure quality assurance

UNDERLAYMENT LAYOUT

Offset panel joints must be a minimum of six inches from the end and side joint of existing plywood sub-floor. PopPly's end seams should be installed in staggered fashion. The end seams should be offset by at least 18". Use full sheets of PopPly when possible, and for best results, lightly butt factory edge to factory edge. Make sure to allow a 1/4" gap around the perimeter of the installation for expansion.



CUTTING & FITTING

Cutting and fitting PopPly can best be achieved using a jigsaw or circular saw. Often, scoring with a knife before cutting will minimize splintering. Careful cutting from

PopPly 5.5 is ideal for vinyl floor covering

the underside with power saws will assure a clean cut on the face of the PopPly. Boring or drilling PopPly should be done from the face. Allow for a 1/8 inch minimum to 1/4 inch maximum expansion at walls, cabinets and stationary vertical surfaces. Undercut door casings, door jambs or stationary vertical surfaces that require a net fit. Lightly butt seams in the field. A square layout can be accomplished by aligning three full sheets before securing and fastening. The stair-stepped configuration of the three panels will ensure quick and accurate positioning of subsequent sheets.

PopPly 5.5 is made from 5-Ply Poplar Plywood

SECURING & FASTENING PANELS

No thin set is required between the Hallex underlayment and the subfloor. No joint taping is required.

Fasten the panels securely to a structurally sound, smooth, clean and dry subfloor using:

- Staples: galvanized 18 gauge chisel point staples with a minimum 1/4" crown or,
- Galvanized ring shank flooring nails: 12 gauge, minimum 3/16" diameter head.

Fasteners should be long enough to penetrate through the underlayment and at least 80-95% of the subfloor, but not protrude through the bottom. Fasten one panel at a time. Do not tack the corners first. Start fastening in one corner and complete the perpendicular edge. Fasten the body of the panel in a fan pattern starting from the original corner. Fasten on every fastener mark (4" on center in the field and 2" on center along all edges). Fasten edges 3/8"-1/2" from the edge. Fasteners should be set flush so they do not protrude above the underlayment.

