



INSTALLATION INSTRUCTIONS

Installation and application directions must be followed in order to protect your P5® warranty. Always adhere to highest industry standards and practices when installing P5® products.

1. END-SEALING

All end cuts, rips and nail holes must be sealed with a high quality oil based primer during the installation process. It protects your wood from moisture absorption and is a requirement of the P5® warranty. When doing joinery, coat both ends to be joined with glue. The glue takes place of primer in this application.

2. NAILING AND FIXING

Hand nailing is recommended so that the factory applied coating system will not be broken. If a nail gun is used, precise adjustment of air pressure is necessary to achieve proper penetration. Nails should be counter sunk 1/16" and sealed with oil based primer or putty. This should be done at time of installation to prevent moisture absorption. Drilling near the ends is always recommended as a precaution to avoid any possibility of end splitting.

P5® should not be installed within 6" of unsealed (natural) ground and not within 3" of a free draining hard surface such as concrete, asphalt or bricks.

To nail P5®, hot-dipped galvanized, high tensile aluminum or stainless steel nails are recommended. Even though the active ingredients used in the P5® treatment are non-corrosive to nails and fasteners, the use of 316 Stainless Steel nails is recommended within 10 miles of salt water.

In order to allow for normal seasonal movement, nailing should be such that it does not restrict movement. Do not nail through overlapping pieces.

Spot prime nail holes with oil based primer. Sealing should be done immediately after the boards are installed to minimize moisture absorption that could cause temporary dimensional swelling around the nail hole. In temperatures less than 40°F use cold weather caulking sealants.

All nailing should be over studs and total effective penetration into a solid wood base should be at least 1-1/2", to comply with best industry practices.

3. MOISTURE ABSORPTION

P5® is made out of Radiata Pine and kiln dried to 8-12% moisture content. Like any kiln dried wood P5® will absorb moisture when exposed to continuous or wind driven rain and extended periods of very high humidity. If the installation instructions are not followed, moisture can penetrate into nail holes, end cuts and rips that are not sealed and temporary dimensional swelling may occur. If swelling is evident, the product should be given

time to dry out and return to its equilibrium moisture content and manufactured dimensions before application of any final coating system.

See minimum ground clearance instructions.

4. GLUING

Any standard wood glue may be used with P5® products. P5® is not intended for structural uses, and where impact adhesives are to be used or highly stressed glue joints are to be made (e.g. glue laminated beams), specific advice should be sought from P5®.

5. PUTTIES, MASTICS, SEALANTS

Putties, mastics and sealers should be compatible with alkyd (oil-based) paints to be suitable for use with P5®. Always seek advice from a reputable manufacturer and follow manufacturers instructions. Use cold weather VOC Compliant caulking or sealants. Caulk, air and surfaces should be above 0° F.

6. PAINTING

P5® is supplied with a 2 coat oil-based prime system backed by a 1 year limited paint warranty by PPG. All end cuts and rips must be sealed with a good quality oil based primer. All nail holes must be filled during installation to prevent moisture intake. P5® needs to be finish coated within 12 months of installation. Where necessary, remove all soft and chalky paint, dirt, pollen and other debris and sand to a smooth even finish. Follow paint manufacturers application instructions.

Apply premium quality exterior house paint to the manufacturer's specification within 12 months of installation.

The use of colors with a Light Reflectance Value (LRV) of 45 or greater is recommended. Dark colors can generate temperatures in excess of 185 degrees.

7. JOB SITE STORAGE

P5® products should be stored off the ground and under cover to keep them clean and dry, however the product protection should allow the wood to breathe.

Inside storage is best but should not be in direct contact with a concrete floor.

ADVICE AND INFORMATION

For all advice and information relating to handling, storage, installation and painting of P5® products, please consult a representative at your P5® distributor.

