The MicroPro Treated Wood Process is certified under SCS’s Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment.
Revolutions Technology
LifeWood® brand treated wood products use the MicroPro® technology, which is a revolutionary way to pressure treat wood for decks, fences, landscaping, and general construction uses. MicroPro technology offers many benefits, including significantly improved corrosion performance. MicroPro LifeWood pressure treated wood with the MicroPro technology exhibits corrosion rates on metal products similar to untreated wood.

MicroPro/LifeWood pressure treated wood products are protected from termites and fungal decay and are backed by a Residential and Agricultural Limited Warranty Program from Koppers Performance Chemicals Inc. (KPC).
- Lifetime Limited Warranty for Above Ground general uses.
- Lifetime Limited Warranty for Ground Contact and Fresh Water general uses.

MicroPro Treated Wood Appearance
MicroPro/LifeWood pressure treated wood is lighter in color compared to current copper based treated wood products. The unique appearance of MicroPro/LifeWood treated products will help differentiate the product in the marketplace. The attractive color allows DIYers and contractors to build pressure treated projects using treated wood that is lighter, fresher, and more natural in appearance.

MicroPro/LifeWood treated wood products are also available in popular consumer colors similar to redwood and cedar products with the new MicroShades® color pigment system.

MicroShades is the only pigmented colorant system that can be used as an “in-solution” system specifically developed for wood treated with the MicroPro preservative. KPC water repellent additives are also available with the MicroPro system.

Third-Party Certifications
The Micronized Copper Pressure Treated Wood Process is certified under SCS’s Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment.

The MicroPro technology has been approved for points toward National Green Building Certification to the National Green Building Standard. Wood products treated with MicroPro technology are now eligible for more green building points than any other treated wood product in the market.

MicroPro preservative has undergone rigorous testing and met stringent standards for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.

- Lighter, more natural wood appearance.
- Improved painting and staining qualities.
- Better corrosion resistance for code-approved fasteners and hardware.
- Carbon steel fasteners may be used for interior, above ground, weather-protected applications such as sill plates, interior framing and interior trusses.
- Approved for aluminum contact.
- End uses include interior and exterior above ground, ground contact, and fresh water immersion.
- MicroShades®, innovative micronized pigment color choices - pressure treated wood colors similar to redwood & cedar.
- Treated wood warranty programs. (See warranty for details.)
- Building code compliant. ICC-ES Reports, ESR-2240.

Building Code Compliance
MicroPro/LifeWood products, as described in the ICC Evaluation Services, Inc. ESR-2240, meet all major model building code requirements.

End Use Classifications for MicroPro Pressure Treated Wood Products

- **General Use - Above Ground**
  - Examples - decking and sills

- **Ground Contact and Fresh Water Contact**
  - Examples - decks, fence posts, joists, beams, and docks

- **Ground Contact - Critical Structural Members**
  - Examples - building poles, permanent wood foundations

MicroPro Treated Wood Advantages
- First Wood Treatment Process to Complete Life-Cycle Assessment Studies - The MicroPro-wood treatment process systems were analyzed by Scientific Certification Systems under an exhaustive environmental review process called Life-Cycle Assessment (LCA), in accordance with rigorous international standards set by ISO, the leading international standards setting organization. The MicroPro LCA studies are in compliance with ISO standards 14044 and 14025.
- Home Innovation NGBS Green Certified - The MicroPro technology has been approved for points toward National Green Building Certification to the National Green Building Standard. Wood products treated with MicroPro technology are now eligible for more green building points than any other treated wood product in the market.
- UL GREENGUARD GOLD Certification - The MicroPro preservative has undergone rigorous testing and met stringent standards for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.
- Lighter, more natural wood appearance.
- Improved painting and staining qualities.
- Better corrosion resistance for code-approved fasteners and hardware.
- Carbon steel fasteners may be used for interior, above ground, weather-protected applications such as sill plates, interior framing and interior trusses.
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