

NEW Eco-friendly
Technology based
on a natural
mineral UV
Absorber

CerPlus® P Series

SMART TREATMENT TO PROTECT WOOD APPEARANCE



Preserving the natural beauty of new wood

- Lasting protection against fading and colour changes caused by sunlight e.g. greying
- Makes wood surface water repellent, inhibiting black mould spots
- Easily applied to the dry surface of new or restored wood using standard techniques
- Recommended as a standalone treatment or for use as a biocide-free primer with traditional wood coatings/oils/varnishes
- Water Based, No Biocides, Non-Hazardous

How it Works

Using its proprietary technology Energenics has developed the innovative CerPlus® P series smart treatments, providing a scientific breakthrough in helping to preserve the new appearance of exterior wood and reduce maintenance (patent applied). It contains nanoparticles of a natural mineral known to be a highly effective UV absorber. These small particles penetrate deep into the wood surface where they chemically bond to the wood molecules providing long-lasting protection against sunlight. Once attached to reactive sites in the wood they block them from attack by water. The wood surface becomes hydrophobic, greatly reducing the ingress of rainwater and other moisture. As a result the surface growth of biological species like black mould/fungi (which are dependent on water) is inhibited. In some types of wood the bonding of the particles to the wood surface produces an attractive richer, deeper brown tone, despite the absence of pigments in the formulation.

Application

Easy to apply through brushing, spraying, dipping or roller coating directly onto the dry surface of new or restored wood. Only requires a single application. Once dry, the surface can be overcoated with conventional commercial wood coatings or varnishes. Coverage is typically 5 to 10 m² per litre and will vary according to the absorbency/surface finish of the wood being treated. May cause brown coloration with some wood types high in extractives – testing recommended on a small hidden area before applying to overall project.

Product Range

CerPlus® P101	Regular Strength cost-effective treatment for everyday outdoor timber types.
CerPlus® P105	High Strength superior treatment for maximum performance duration on premium timber types and sensitive applications where maintaining the 'new wood' appearance is critical.
CerPlus® P105W	Similar to P105 but includes a wetting agent for greater surface penetration with more water resistant timber types.
Package Sizes	1 L jars and 25 L kegs.

Case Studies

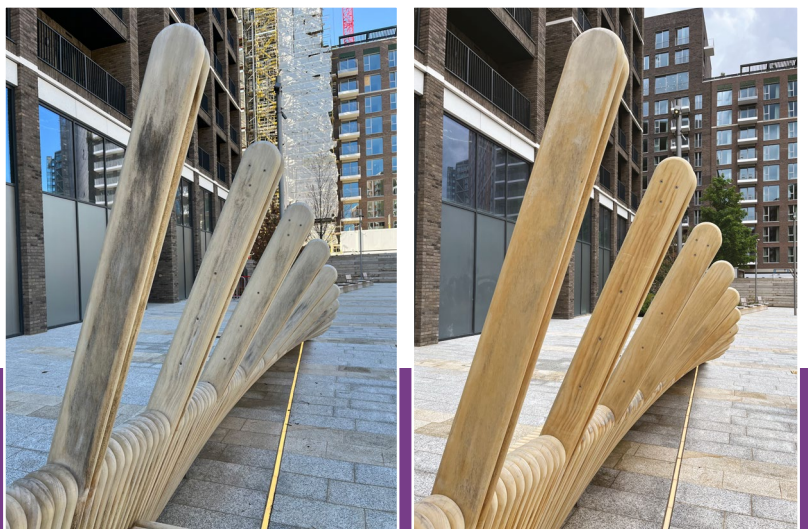
Case Study 1 – Bin Enclosure
(commercial treated softwood timber), after 48 months weathering: **CerPlus® P101** applied to Right Hand Half of each timber length when new.



Case Study 2 – Barrel Sauna
(Canadian Red Cedar), after 12 months weathering: **CerPlus® P101** applied to Right Hand Half before Commercial Decking Oil (containing UV Filters) applied to whole structure when new.



Case Study 3 – moveART Bench Sculpture (Accoya®) after 12 months weathering: Comparison of 'no treatment' (left) versus **CerPlus® P105** (right)



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