

SECOIA® 4487

Water-based bio-sourced binder

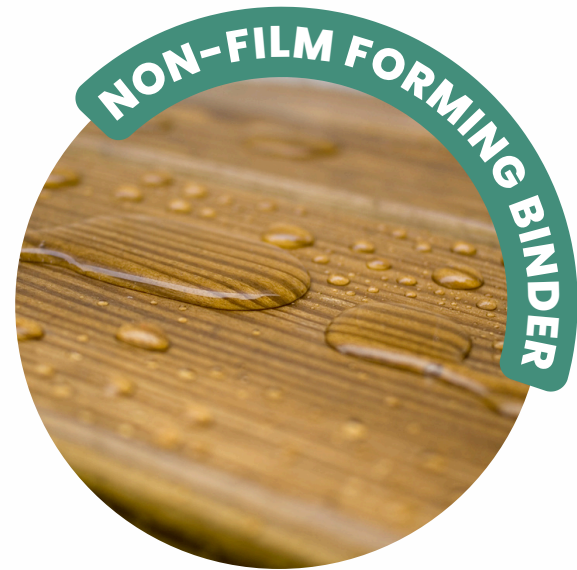


for wood impregnation

Key properties:

- ✓ **47% solid content**
- ✓ Highly **hydrophobic**, protects all wood species
- ✓ **Deep wood penetration**
- ✓ Keeps the wood natural look
- ✓ **Surfactant-free** binder thanks to the **pickering technology**:

solid particles are irreversibly absorbed at the water/oily phase interface to stabilize the dispersion.



Natural weathering test:

Decking oil based on Secoia® 4487 vs acrylic benchmark

1 year exposure - South of France



A **water-based binder** offering **similar to higher performance** than solventborne systems:

Secoia® 4487



Solventborne decking oil

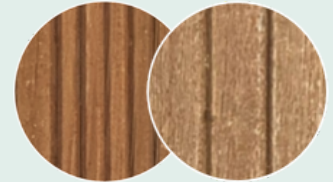
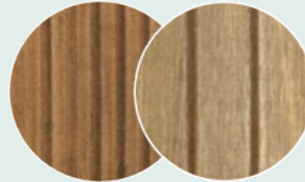


Secoia® 4487

Benchmark

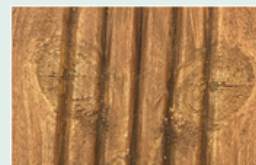
*Left: pine wood
Right: exotic wood*

With Secoia® 4487, does not peel or crack, keeps homogeneity.



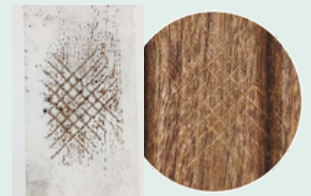
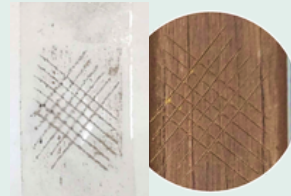
Knots on pine wood

With Secoia® 4487, shows good adhesion at the wood knots.



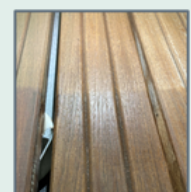
Cross-cut test (ISO 2409) after restoration (1 layer) on exotic wood

With Secoia® 4487, preserves adhesion, eases restoration.



Difference of gloss between exposed & non exposed area on exotic wood

With Secoia® 4487, limits gloss variation after exposure.



for **lower carbon footprint** formulas



**Based on C content according to EN 16640*