

DOUBLE AXION

Why choose the Model Plus or Model Extreme® finish?

Double aXion Tie Coat

Because the tie coat in the Model Plus and Model Extreme finish formula consists of a unique bireactional agent that penetrates wood, preventing small surface cracks generally found in North American species and allowing better bonding of finish coats to the wood.

Double aXion, our tie coat formula, withstands moisture better than any other chemical agent in the industry. Its exclusive bonding process acts on both wood fibre and successive coats of finish.

A Sanding Technique Unique in North America

Sanding has a major impact on the physical properties of the tie coat. Model is the only flooring manufacturer in North America to use technology with real-time control over sanding band wear. Close follow-up allows operators to intervene at the slightest variation that might affect the properties of our Model Plus and Model Extreme formulas. Precision ensures greater consistency, guaranteeing consumers the best possible product at all times.

Best Surface Scratch Resistance

The final top coat applied is simply the most scratch-resistant in the industry. It withstands 60 cycles of wear during the ASTM D-4060-01 test. This resistance allows conservation of the initial lustre of the flooring much longer than other products in the industry. Our proven formula contains unique nano-components to enhance surface resistance.

Under the Top Coat Lies a Protective Wall

While the last coat «super top coat» accounts for 8.5% of overall thickness, the top coat and all coats of sealant account for more than 70% of overall thickness and can withstand more than 550 cycles during the ASTM D-4060-01 test.

Super top coat 8.5%
50-60 cycles

Top coat 17%
350-425 cycles

Sealer 53.2%
80-100 cycles

Tie coat Double aXion
21.3% 20-25 cycles

● Sanding technique unique in North America

● More eco-friendly finish

● Best surface scratch resistance

● UV acrylate-based Stains

● More stable colour tones

● Contains unique nano-components

● Unique bireactional agent

Model Plus and Model Extreme Use UV acrylate-based Stains

Advantages of the Model Plus and Model Extreme UV acrylate base.

Use of a water base (competitors).

The UV acrylate base does not alter wood fibre.

Water in the base reacts negatively with natural wood fibre, causing it to expand and lead to ribbing on the finish.

More eco-friendly finish: because it is a solid, the UV acrylate base emits 50 times fewer VOCs than accepted under rigorous Canadian standards.

Co-solvents included in the water base evaporate (60%) releasing volatile organic contaminants into the atmosphere.

Greater colour transparency, better to appreciate the natural grain of the species chosen. This is known as natural wood tone conservation.

Water-based stains deaden the natural appearance of wood. Finish transparency is affected, preventing light from penetrating the wood to highlight its beauty.

Does not result in dirty water during cleaning.

An average-sized plant in North America using water bases generates up to 10 000 litres of dirty water per month.

More stable colour tones.

Evaporation in water bases alters product viscosity, making colour more unstable during production.