



TEC[®] WOODPERFECT[™] ADVANCED PERFORMANCE WOOD FLOORING ADHESIVE

INSTALLATION GUIDE



CHALLENGE:

Wood flooring adhesives with strong initial grab often don't allow for easy repositioning of wood planks. Contractors find themselves laboring meticulously over the positioning and repositioning of the planks. Cleanup can be a tedious process when contractors spend hours cleaning the adhesive – often with solvents – off of the flooring.

SOLUTION:

TEC® WoodPerfect™ provides a time-saving innovative solution that combines performance and ease of use. Its lightweight, creamy formula trowels on easily with 60-90 minutes of open time for fast initial grab without strenuous repositioning or shifting – creating less excess adhesive to cleanup afterwards. Installers do not need to spend hours scraping adhesive off of newly installed floors because it cleans up easily without the use of solvents.

There is no need for a separate moisture vapor barrier when using TEC® WoodPerfect™ thanks to its innovative formula. The built-in, one-step moisture control of WoodPerfect™ controls moisture up to 15 pounds and can be applied to damp concrete up to 95% RH when used with the proper TEC® Moisture/Sound Inhibitor Trowel. The notched trowel ridges work to minimize hollow spots and bridge gaps between the floor and substrate. Additionally, the adhesive's sound reduction qualities contribute to Delta IIC 22dB,

reducing sound transmission through concrete subfloors in excess of building code requirements.



IMPLEMENTATION:

Before applying WoodPerfect™, the subfloor must be sound, smooth, level, clean and free of chips, indentations and anti-adherents. Dust, dirt, chemicals or sealers must be removed to ensure the adhesive bonds properly.

To install, spread the adhesive with the appropriate notched trowel at a 45 degree angle to avoid excessive thickness. For moisture inhibitor or sound reduction installations, be sure to

use the TEC® Moisture/Sound Inhibitor Trowel. Though WoodPerfect™ has 60-90 minutes of working time, it is important to install the wood planks immediately once the adhesive is spread.

Lay the flooring into the adhesive, carefully positioning it and pressing down firmly. You may notice that the wood slips or moves a little bit at first, so be sure to secure the initial row to limit movement and hold patterns. Make sure to occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. To ensure proper transfer of the adhesive, roll and cross roll the floor with a 100-150 lb roller at the end of installation.

If proper transfer is not achieved, remove dried adhesive and apply more using the recommended trowel. If it helps you, you can use tape to temporarily hold the edges. Weight down bowed boards or boards over low spots until the adhesive cures.

After the flooring is laid into the adhesive, planks can be repositioned due to the tenacious yet workable formula of WoodPerfect™. When installing near a wall or solid object, there should be enough room for the wood to expand. Placing wood planks too tight against a barrier can cause performance failures due to the wood's inability to naturally expand.

When you're installing thin-gauged solid and engineered wood and exotic species, these types of woods can be very sensitive to job site conditions. Because of this, make sure to follow the wood flooring manufacturers written pre-installation and installation instruction, including acclimation of the wood flooring.



TEC® WoodPerfect™ has one-step moisture control and can be applied to damp concrete up to 95% RH.

CLEANUP:

Cleanup is simple – just wipe up the excess adhesive with a dry cloth while the product is still wet. If the adhesive has already hardened, use a plastic scraper and terry cloth for removal.

Inform the building owner that light foot traffic is allowed after a minimum of 16 hours and heavy foot traffic is allowed 24 hours after the installation is complete.



No solvents are needed to clean WoodPerfect™ off planks.

ADDRESSING STATIC CRACKS AND DYNAMIC JOINTS

When using WoodPerfect™ as a moisture inhibitor, all static cracks and joints should be treated before application.

Cracks, cuts and joints in the subfloor do not need pre-treatment when less than 1 mm wide. However, for static cracks and control joints over 1 mm wide, a concrete crack filler such as **TEC® PerfectFinish™ Skim Coat** can easily fill in gaps to be level with the concrete surface. WoodPerfect™ can be applied directly over the filler after its proper drying time. **TEC® Fast-Set Deep Patch** can be used for patching or filling areas of several square feet or more. Allow the crack filler to dry at least 16 hours, then apply WoodPerfect™.

Dynamic joints can be treated with WoodPerfect™ by applying a layer into the joint edges with a paintbrush, completely coating the walls of the space. Once dried, the movement joint should be filled with backer rod, leaving at least 12 mm open at the top for proper treatment with sealant.

FULL SYSTEM

TEC® wood adhesives are used with the TEC® surface preparation product line, which includes self-levelers, patches, skimcoats and moisture mitigation systems. **TEC® LiquiDam EZ™** moisture vapor barrier should be used to treat concrete that's greater than 95% RH before application of WoodPerfect™.

TEC® WoodPerfect™ comes with a limited lifetime warranty. For details or to learn more, visit www.tecspecialty.com.

Visit tecspecialty.com/project-showcase to discover TEC® WoodPerfect™ contractor testimonials.