EzeBond MS

Timber Flooring Adhesive

Woodeze EzeBond MS timber flooring adhesive is a high-performance MS polymer flooring adhesive for optimal performance and ease of application. EzeBond MS is a 4+ Formulation which delivers superior sound reduction, moisture control, adhesion and ease of application.

Product Benefits:

- Extreme Moisture Resistance
- Superior Acoustic Properties
- Low VOC Certified
- Eze-Trowel Formula

Suitable Applications:

EzeBond MS is suitable for bonding most timber flooring systems to concrete, plywood, cured leveling compound, epoxy membranes, particle board and radiant heated subfloors.

Technical Specifications:

Adhesive Polymer	Modified Silane Polymer - Single Part
Tensile Strength	1.6 N/mm2
Shore A Hardness	40 ±
Elongation at Break	180%
VOC Content	< 10g / liter
Tack Free Time	20-40 minutes
Working Time	30 minutes (20°c at 50% R.H.)
Shelf Life	12 months (unopened)
Storage	Store in a dry place between 5°c and 30°c

Subfloor Concrete Surface Preparation:

- Ensure the subfloor surface is structurally sound, flat, smooth, clean, with no indentations and anti-adherents.
- Subfloor must be free of dust, dirt, grease, wax, loose paint, oil, sealers of any type, curing compounds, bond breakers, asphaltic residue, liquid adhesive remover, strippers, chemicals, or any other foreign substances that can potentially affect bonding. Cleaning the subfloor of loose particles with an industrial vacuum cleaner is recommended.
- If direct applying the adhesive to the subfloor, it must be flat to maximum 3mm over 3 meters, otherwise it will increase the risk of hollow spots and poor adhesion under the timber flooring.
- Any existing coating or adhesives must be completely removed. Mechanical treatment (e.g. shot blasting, grinding or sanding) may be required to achieve subfloor conditions mentioned above.
- It is recommended to assess slab moisture. If the slab is more than 3.5% moisture content measured with a concrete impedance moisture meter or more than 80% in-slab relative humidity, then additional means of protecting the floor from slab moisture is needed. Refer to

moisture vapour protection properties of Ezebond and the MoistureEze information sheet. Please discuss technical requirements with Woodcrete for any floors with high moisture or relative humidity readings

- Radiant heated subfloors should be turned off 24 hours prior to and during installation to prevent premature curing of the adhesive.
- Recommended air temperature during floor installation – between 10°C - 35°c and relative humidity between 40% and 80%, subject to the requirements specified by wood flooring manufacturer.

Timber Subfloor Surface Preparation:

- For use over particleboard, all surfaces should be rough sanded, including sanding flat all joints. Ensure the surface is clean, dry, sound and does not squeak prior to laying the timber flooring.
- For use over clean plywood all joints should be sanded flat. Ensure the surface is clean, dry, sound and does not squeak prior to laying the timber flooring.

Adhesive Application:

- Remove the lid and cut open the foil liner. Once liner is opened, we recommend using all the contents of the bag.
- Spread the adhesive with the proper notched trowel, apply uniformly on the subfloor. Avoid adhesive pools and excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45-degree angle.
- Floor installation is by a full adhesive bed and to the flooring manufacturer's instructions.
- A minimum 80% adhesive contact of the adhesive to the board is recommended and if the adhesive is required to assist with moisture vapour protection then 100% coverage needs to be achieved. Place heavy objects to hold the flooring firmly in place during the curing time. If boards are bowed preventing adequate contact then it may be necessary to sort out and not lay such boards.
- When installing near a solid object or wall, leave the necessary room for expansion as outlined by the flooring manufacturer. Installing wood too tight against a stationary object will not allow room for normal wood expansion, which may cause a failure.
- If wedges or weights have been used during the installation to hold wood in place while adhesive dries, remove wedges after initial setting of the adhesive (approximately 2 hours) to allow for normal expansion of wood. Failure to remove wedges can cause the wood flooring to buckle and pop off the subfloor.
- Restrict foot traffic for a minimum of 12-16 hours. Wait a minimum of 24 hours before sanding and polishing.
- EzeBond MS can be cleaned up with acetone or mineral spirits when wet, noting that cured adhesive can only be removed mechanically.

Moisture & Sound Control

- EzeBond MS will achieve the BCA requirement of less than LnT,w < 62 based on a 200mm concrete subfloor.
- 80% minimum coverage is required when using this product as an adhesive only.
- 100% coverage is required when used as an adhesive, moisture barrier and for optimal sound reduction. EzeBond MS should be applied with a minimum of 5mm V notch trowel to guarantee moisture control at a coverage of 12-15m^2 per 15kg pail.
- Always lift a board at the beginning of and during installation to ensure coverage is meeting the above-mentioned contact coverage requirements.

- This product can provide protection from slab moisture vapour but does not eliminate all possible moisture related or installation related issues (e.g. water leaks, wet mopping, hydrostatic head or puddles).
- This product should not be exposed to water or alcohol cleaners before it is completely cured.

Coverage Rates:

For further advise on recommended trowels discuss with your Woodcrete consultant.
Please note the use of a 5mm V Notch trowel is required to guarantee moisture vapour protection:

Parquetry	V Notch 3mm	15-18m^2 per pail
Overlay Flooring	V Notch 5mm	12-15m^2 per pail
Strip Flooring	V Notch 5mm	12-15m^2 per pail
Engineered Flooring	V Notch 5mm	12-15m^2 per pail

The use of MoistureEze Vapour Barrier in conjunction with EzeBond flooring adhesive will allow for a higher coverage rate and overall lower project cost. For both concrete and timber subfloors, where moisture and sound control are not required, the use of a 3-5mm V Notch spaced trowel is sufficient. With the correct trowel this will provide a coverage rate of 12-15m2 per pail.

Product Limitations:

- Do not use on wet, dusty, contaminated, or friable substrates.
- Do not dilute the adhesive.
- Resistant only to the following: water, dilute acids, diluted caustic solutions, temporarily resistant to fuel, animal fats and oils, not resistant to organic acids, concentrated caustic solutions.
- Will not prevent damage to wood flooring induced by excessive moisture transmission due to environmental factors like water leaks.

Health & Safety:

Health and Safety: Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. Users must first read the Safety Data Sheet. Users should familiarize themselves with all the safety aspects of the product prior to usage.

Product Disclaimer:

Since the use and application of this product is beyond our control, Woodcrete cannot be held responsible for product field performance if all application recommendations are not adhered to. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In any cases of possible concern it is recommended that the customer conducts their own testing and accordingly determine, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.
For additional information, phone customer support on (03) 9561 9711.
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Manufactured under licence for Woodcrete Pty Ltd:

WoodCrete Trade Flooring Supplies

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