

TECHNICAL DATA SHEET

MAGNEGLUE®

MS Polymer Based Wood Flooring Adhesive

Special features

- Certified "Green" class EC1 "very low emission"
- easy clean up; won't etch finished floor
- moisture cured for a strong bond

Product Description

Finish Systems international's MAGNEGLUE is an advanced formula MS polymer designed for MAGNEWOOD Engineered wood flooring.

Pre-Installation Checklist

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets.

Sub Floor Examination

Prior to starting, the sub floor must be checked according to NWFA and NOFMA installation. It must be solid and sound, flat (within 3/16" in 10' radius).

Moisture content in concrete sub floors must be below 3#/24h/1,000 sq. ft. using the Calcium Chloride Test.

All wood floors should have 6-9% moisture content at installation. There should be no more than a 4-5% variance in moisture content between boards.

Sub Floor Preparation

Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding or sanding) is required. Intense sanding may be required.

Installation Procedure

Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive.

Limitations

Do not use on concrete with curing agents or sealers. Do not use on damp sub floors. Do not install MAGNEWOOD flooring with a moisture content above 12%.

This adhesive will not prevent moisture-related damages to wood flooring.

In case of accident, injury, spill or exposure, see MSDS sheet for information.

General Features

- contains no chlorinated solvents
- contains no isocyanates to etch finish
- contains no solvents
- contains no VOC
- certified "green"
- certified "very low emission"
- nonflammable
- high solids content
- ozone friendly
- no health hazards
- no risk of sensitization
- special MS polymer will not etch finish
- moisture cured for a strong bond
- Freeze/thaw stable

Installation Features

- wet lay - no flash time required
- strong green grab
- non-slump formula
- bridges normal sub floor variations
- very low odor
- cleans with acetone or mineral spirits
- no rolling required
- does not cause cupping of wood flooring
- excellent spread rate
- long open time
- spreads easily
- higher temp & RH will shorten drying time

Long Term Features

- resistant against aging
- remains elastic
- suitable for radiant heat systems with primer
- allows normal dimensional changes in wood flooring

Approved Wood Flooring

- MAGNEWOOD ONLY

Approved Sub Floors

- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Particle or Chipboard (underlayment grade)
- Old Floors with adhesive residues, sanded
- Ceramic Tiles
- Stone, Terrazzo
- Cured Leveling Compounds
- Radiant Heated Sub Floors

Approved Trowels and Spread Rate

- Trowel #14 (Solid&Engineered Floors): 85 SF/gal.
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Cure Time until Normal Traffic

- approx. 48 hours

Clean-Up

- Use acetone or mineral spirits

Temperature Range during Installation

- 50°-90°F (10°-30°C)

Relative Humidity Range during Installation

- 30% - 80%

Packaging Size

- 4 gal. Metal Pail

Weight [lbs./gal.]

- 1.268.592

Color

- Green

pH value of concrete

- No translation available.

Storage

- freeze/thaw stable

Shelf Life

- 12 Months in original container

Open Time	50°F/10°C	70°F/21°C	90°F/32°C
R/H 30%	2 1/2 hours	2 hours	1 1/2 hours
R/H 50%	1 3/4 hours	1 1/4 hours	1 hour
R/H 80%	1 hour	50 mins	45 mins