

TECHNICAL DATA SHEET

MAGNEGLUE One-Step with Sound Guard®

MS Polymer Based Wood Flooring Adhesive

Special features

- provides sound barrier up to STC & IIC of 72 and 74 dB
- provides moisture barrier up to 12# / 24 hrs / 1000 SF
- certified "Green" class EC1 "very low emission"

Product Description

Finish Systems International's **MAGNEGLUE One-Step** with sound guard is an advanced formula, unique MS polymer 3-in-1 adhesive

Pre-Installation Checklist

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

Sub Floor Examination

Prior to starting, the sub floor must be checked according to NWFA and NOFMA installation guidelines. It must be solid and sound, flat (Moisture content in concrete sub floors must be below 12#/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 be

Sub Floor Preparation

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

Installation Procedure

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

Limitations

Do not use on concrete with curing agents or sealers except Finish Systems International Sealers. Do not use on damp sub floors. Do not
This adhesive will not prevent moisture-related damages to wood flooring where moisture conditions are in excess of limitations outlined
In case of accident, injury, spill or exposure, see MSDS sheet for information.

General Features

- contains no water

- 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 and sound barrier in one step process
- 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
- eliminates hollow spots
- very low odor
- cleans with acetone or mineral spirits
- no rolling required
- does not cause cupping of wood flooring
- long open time
- spreads easily
- higher temp & RH will shorten drying time

Long Term Features

- resistant against aging
- remains elastic
- sound reduction: STC & IIC @ 72/74 dB
- reduces moisture pressure from 12# to 3#
- 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
- Wet Concrete Slab up to 8#/24hrs/1,000SF
- Wet Concrete Slab up to 12#/24hrs/1,000S

Approved Trowels and Spread Rate

- Trowel #12: 40 SF/gal. (Must use 1 trowel per pail)

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

Storage

- freeze/thaw stable

Shelf Life

- 12 Months in original container
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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	40 mins