

IOBAC MAGNETIC FOIL FOR WOOD > ADHESIVE-FREE WOOD FLOORING INSTALLATION SYSTEM

TECHNICAL DATASHEET

PRODUCT DESCRIPTION

Magnetic on one side and with acrylic-based adhesive on the other, IOBAC Magnetic Foil is designed for application to wood flooring products to create a robust magnetic wood solution.

The magnetic wood can then be cleanly and securely affixed to metal raised access floors and IOBAC Ezy-Install® Magnetically Receptive Underlay.

Material Composition:

- 90% high grade ferrite powder, 10% synthetic binder
- Free of PVC and phthalates

Magnetisation on one face only

- UV coated
- Magnetic strength of 42g per cm²
- Magnetic stability: immune to magnetic damage for intended use
- Colour: dark brown
- Hardness: Shore-D – 33 ± 5

Adhesive on one face only

- Modified acrylic adhesive
- Advisable to apply firm pressure (15 psi) to the component to consolidate the adhesive bond
- Optimal adhesive bond will be achieved after 72 hours

2 Dimensional Hold:

Not only is the magnetic wood held together horizontally by the tongue and groove mechanism but due to magnetic attraction, the IOBAC Magnetic Foil also enables a strong grip in the vertical direction, ensuring the wood is secured well in place until the time comes to uplift.

Clean Removal:

The magnetic wood can be removed cleanly and easily for reuse or recycling, with the base left contamination-free and ready for the next flooring installation straight away.

Storage Conditions

Resistant to extremes of moisture and temperature.
Constant working temperature of -30 to +60 degrees C.
Storage between +10 and +20 degrees C
Shelf life: 12 months when stored as recommended in original packaging



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PRODUCT COMPOSITION

Flexible strontium ferrite magnetic foil consisting of 2 layers, cut to required size onto a filmic release liner



TONGUE AND GROOVE WOOD FLOOR

- Holds planks horizontally with abutment
- Resists vertical movement
- Provides level expanse of floor
- Protects against localised deviations of subfloor



ADHESIVE FILM LAYER



- Acrylic based adhesive with polyester film liner
- Odourless 100% solid material - VOC content not applicable
- Protects wood from moisture
- Restricts movement, improving stability of product

HIGH STRENGTH MAGNETIC FILM



- Flexible strontium ferrite magnetic sheet
- PVC Free, contains no plasticisers, phthalate free
- Protects the back of the wood from moisture
- Provides the wood with extra vertical and horizontal grab to the magnetically receptive base

- METAL RAISED ACCESS FLOOR
- IOBAC EZY-INSTALL UNDERLAY

DIMENSIONS AND PACKAGING

Dimensions: Foil cut to required dimensions, 0.6mm thickness (including adhesive film)

Packaging: Dependent on magnetic foil dimensions, but generally supplied on a cardboard core with release liner for ease of application to wood

INSTALLATION GUIDELINES

Preparation: Ensure sub-floor is clean, dry and free from loose particles which may impair grab.

WHERE TO BUY:



- [V4Magnetic® by V4](#)
- [Magnitude by WEA \(Wood Floors & Accessories\)](#), -

SPECIFY AT:



NBS Source
PARTNER

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