

## 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 cm<sup>2</sup>
- 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**



**ADHESIVE FILM  
LAYER**



**HIGH STRENGTH  
MAGNETIC FILM**



- METAL RAISED ACCESS FLOOR
- IOBAC EZY-INSTALL UNDERLAY

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

#### 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.

Manufactured by IOBAC UK Ltd  
Unit 9, Berry Court Farm, Bramley Road, Tadley, RG26 5AT  
Email: [ian@iobac.com](mailto:ian@iobac.com)  
Telephone: +44 (0)7703 132494