

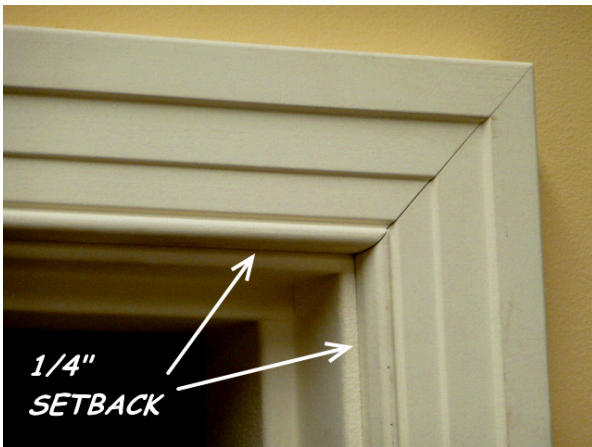
# MagnaFit® Door Casing Products

## INSTALLATION OF MAGNAFIT® MITERED CASING

**IMPORTANT NOTICE:** Before unpacking your MagnaFit® frames, please read the **IMPORTANT SAFETY WARNING** that is included with these instructions. The magnets that are used in MagnaFit® are very powerful and need to be handled properly in order to avoid possible damage to the product or personal injury.

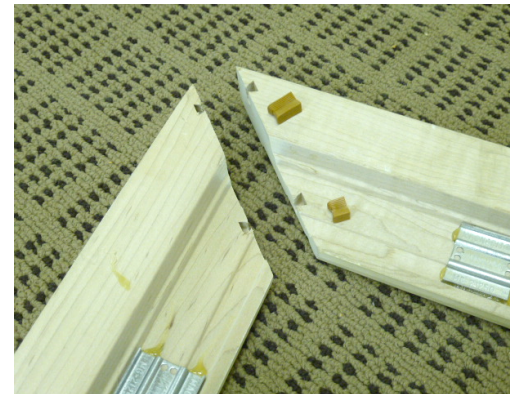
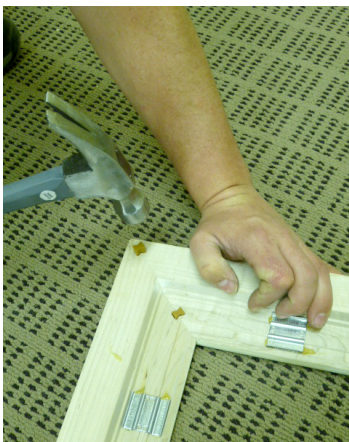
MagnaFit® casings should not be installed until the building has been fully enclosed, and temperature and humidity levels are stabilized. Ideally, casings should be installed after floor and wall finishes have been installed, but prior to installation of baseboard and chair rail.

1. Unless they have been bulk shipped or delivered, your MagnaFit® casing sets will arrive packed in cartons containing 2 to 8 casing sets per carton. Carefully open the carton, and remove the casing pieces. **Before discarding the carton and other packing materials, be sure to locate the small plastic package that contains the special dovetail fittings and the magnets.**
2. Select the casing components required for one casing set (2 side casings and 1 header casing). Arrange the components face down on a carpeted or padded surface as shown.



3. MagnaFit® casings are supplied with side casing lengths that will align approximately with the bottom of the metal frame. Depending on the floor covering, it may be necessary to trim some material from the bottom end of each side casing in order to allow for proper alignment of the casing on the frame. When installed the inside edge of the casing should be approximately 1/4" from the inside edge of the metal frame.

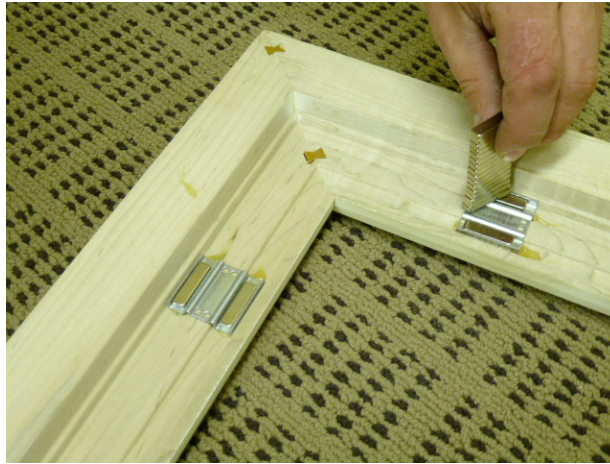
4. Locate the dovetail fittings that were supplied with the casing. Each miter joint requires one long and one short dovetail fitting.
5. Adhesive is not required, but may be used at the joint to provide additional strength if desired. A standard PVA adhesive is suitable, and will provide for easy cleanup of the finished assembly. Gorilla glue is not recommended, since this can be difficult to clean up after assembly. If adhesive is being used, apply a small bead of adhesive to one side of the joint.



6. Bring the two sides of the joint together into proper alignment and use finger pressure to insert the appropriate dovetail fittings into the machined recesses. Check to be sure that the faces of the two pieces are properly aligned, then use a small hammer to drive the fittings the rest of the way into the wood until they are flush with the surface of the wood. If the pieces have shifted during

assembly, they may be realigned using hand pressure at the joint to bring them back into alignment.

7. Once both assembled, are included in
8. Each magnet earth magnets. care should be when inserting



miter joints have been locate the rare earth magnets that the hardware package.

clip is designed to accept 2 rare The magnets are very strong, so taken when handling them and them into the metal clips.



9. Once magnets are inserted in all clips, you can lift the casing set from the floor and install it on the hollow metal frame. The magnets will strongly attract the casing to the frame, but some repositioning is possible after the casing is applied. If adequate force is applied it is also possible to remove the casing from the frame.
10. If a more permanent attachment is desired, heavy duty double sided adhesive material can be used to supplement the magnetic attachment. This material is available from the James Wood Company may be requested at the time of order.

## INSTALLATION OF MAGNAFIT® PEDIMENT CASING SETS

**IMPORTANT NOTICE:** Before unpacking your MagnaFit® frames, please read the IMPORTANT SAFETY WARNING that is included with these instructions. The magnets that are used in MagnaFit® are **very** powerful and need to be handled properly in order to avoid damage to the product or injury to the installer.

MagnaFit® casings should not be installed until the building has been fully enclosed, and temperature and humidity levels are functional. Ideally, casings should be installed after floor and wall finishes have been installed, but prior to installation of baseboard and chair rail.

1. Your MagnaFit® casing sets will arrive packed in cartons containing 2 to 8 casing sets per carton. Carefully open the carton, and remove the casing pieces. **Before discarding the carton and other packing materials, be sure to locate the small package that contains rare earth magnets.**
2. Select the casing components required for one casing set (2 side casings and 1 pediment casing). Arrange the casing components face down on a carpeted or padded surface, as shown in FIGURE 1.
3. Each magnet clip is designed to accept 2 rare earth magnets as shown in FIGURE 2. Locate the rare earth magnets that are included in the hardware package, and insert two magnets into each clip. The magnets are very strong, so care should be taken when handling them and when inserting them into the metal clips.
4. Once the magnets are inserted into all clips, position the two side casings to the sides of the frame, as shown in FIGURE 3. The magnets will strongly attract the casing to the frame.
5. Next position the pediment header at the top of the frame.
6. Some repositioning of the side and header pieces may be needed after installation. The magnets will allow for this repositioning, by allowing you to slide the casing parts on the frame. If adequate force is applied it is also possible to remove the casing from the frame.
7. If a more permanent attachment is desired, heavy duty double sided adhesive material can be supplied to supplement the magnetic attachment.

## ORDERING MAGNAFIT® CASING FOR EXISTING OPENINGS

### STANDARD MITER PEDIMENT CASING FRAME SETS

MagnaFit® Casing sets are the ideal solution for renovation and new construction, whenever ease and speed of installation are a consideration. With MagnaFit® casing sets, there is no need for skilled carpenters, and you can avoid most of the noise, dust and fumes that are associated with standard millwork installations.

MagnaFit® Casing sets are available in a wide range of standard sizes to fit standard size metal door frames. Door opening widths of 18" to 96" and door heights from 80" to 96" are all available standard. Larger door openings and special size/shape door openings can be accommodated on a custom order basis.

In most cases, all that is required in order to purchase MagnaFit® casing is to provide the nominal inside dimensions of the door opening (such as 3'0" x 6'8" or 4'0" x 8'0") along with the quantity of each size that is required for your project. Standard MagnaFit® casings are designed for use on hollow metal frames with a 2" face dimension and a nominal ½" return (amount that the metal frame projects beyond the wall surface). To ensure proper fit between the casing, the metal frame, and the wall, it is best to check the dimension of the face of the frame to the face of the adjacent wall surface. Ideally this dimension should be between 7/16" and 9/16" in order to provide the best performance, fit and appearance. (SEE FIGURE 3.) If this dimension falls outside of this range, some trimming may be needed.

**MagnaFit® Miter Frame Sets** are designed to fit the hollow metal opening with roughly ¼" set back from the interior surface of the frame. (SEE FIGURE 1.) The height of the casing frame is fabricated to provide a 1/4" set back from the interior of the hollow metal frame. For example, a casing set for a 3'0" x 7'0" door opening will have interior dimensions of 36-1/2" wide by 84-1/4" high. (SEE FIGURE 2.) MagnaFit® mitered casings are designed to adapt to minor (+/- 1/8" maximum) variations from standard overall opening dimensions without adversely affecting performance or appearance of the casing. In some cases, where the floor level varies or where floor covering has been installed after the metal frame, some trimming may be required at the bottom of the frame sides to ensure proper fit of the casing set.

**Standard MagnaFit® Pediment Frame Sets** provide a higher level of adaptability to inconsistent opening dimensions. Overall opening widths can vary as much as +/- 1/4" from standard sizes without adversely affecting the performance or appearance of the casing.

### CUSTOM CASING FRAME SETS

MagnaFit® casing sets can be custom fabricated to fit to almost any hollow metal frame design and to adapt to a wide range of unusual site conditions. Don't hesitate to call with your special needs.

Arched frames	Non-standard opening sizes and shapes	Oversize frames
Custom casing profiles	Non-standard frame cross-sections	Custom woods and finishes
Machining for wiring	Machining for signage	Sidelight and window frames

MagnaFit® casing can be machined to accommodate existing base treatments such as carpet base or vinyl cove base, to reduce the need for cutting of the base material.

### SPECIAL CONDITIONS

Particularly in renovation and retrofit projects, certain door opening conditions may exist that result in the need for special ordering or for trimming of the door casing during installation. It is best to check for these conditions before ordering, to ensure that the casings will fit properly and to minimize the need for special trimming and other site adjustments.

1. Check to be sure that there is adequate clearance between the outside of the metal frame and adjacent wall or ceiling surfaces. This may affect the MagnaFit® profile and frame style that you order, since some profiles require more clearance than others. The minimum clearance between the outside of the frame and an adjacent wall surface is 1". If this clearance is not available, some trimming of the outside of the casing may be required.
2. Check the face and the return dimensions of your frame as indicated in FIGURE 1. Standard MagnaFit® casings are designed for use on hollow metal frames with a 2" face dimension and a nominal ½" return (amount that the

metal frame projects beyond the wall surface. If your frame has different dimensions, then you may need to specify a custom profile dimension when ordering.

3. Check for uneven wall or floor conditions that may affect the fit of the casing. If successive layers of spackle, wall covering, or floor covering have been applied to adjacent surfaces, it may be necessary to trim the casing during installation to adjust for these conditions. Specialized MagnaFit<sup>®</sup> profiles are available to deal with some these variations. Check with MagnaFit<sup>®</sup> Customer Service for more information if you think that you may need to consider these options.
4. MagnaFit<sup>®</sup> casing products are designed to not conflict with standard hinges and latch strikes. Some trimming may be needed to adjust for oversized hinges and strikes. Certain types of door closers, alarm contacts, and other specialty hardware may also require trimming of the casing.
5. Check to ensure that the existing door frame is indeed magnetic. Aluminum, wood, and some types of stainless steel frames will not function with MagnaFit<sup>®</sup>. If you find this to be the case, ask customer service for recommendations on SelecTrim non-magnetic casing products.
6. If the existing wall base or chair rail will remain after the door casing has been applied, the base may need to be trimmed back in order for the casing to fit properly. For certain wall base conditions, it may be possible for the casing to be machined to fit around the existing base, and thus eliminate the need for this trimming. MagnaFit<sup>®</sup> Customer Service can provide recommendations for trimming existing chair rails to accommodate the added width of the MagnaFit<sup>®</sup> casing.

**Important Safety Warning!**  
**Read before you Order, handle, or install magnets associated with**  
**MagnaFit® Casing Products**

Disclaimer: SelecTrim Corporation neither assumes nor accepts any liability for damages resulting from the handling or use of magnets. The purchaser confirms that they have read and understood the following warnings. The purchaser understands and accepts the terms and warnings below, and agrees to provide a copy of these warnings and terms to all individuals who are expected to be involved in installation of MagnaFit® products.

1. The neodymium magnets used in MagnaFit® products are small yet very strong. They should be handled with care to prevent personal injuries, property damage and magnet damage.
2. Neodymium magnets used in MagnaFit® products are not installed in the casing at the time of shipment. They are shipped separately to reduce the risk associated with handling and working with MagnaFit® casing when the magnets are in place. It is recommended that the magnets not be installed until the casing is trimmed, assembled and ready for final installation.
3. Neodymium magnets are brittle; they can be broken or can splinter in a collision. One should wear gloves and protective glasses when handling these magnets, to protect from pinching, splinters, and sharp broken edges.
4. Do not expose the magnets to excessive heat. Normal Neodymium magnets will lose their magnetic properties at temperatures above 175°F (80° C).
5. The strong magnetic fields of neodymium magnets can damage items such as television, computer monitors, credit cards, bank cards, computers, diskettes and other data carriers, video tapes, mechanical watches, hearing aids, loud speakers and VCRs. Pace-makers may be damaged or switch to "Test Mode" in the close presence of a strong magnetic force. Individuals with pacemakers should avoid handling large quantities of MagnaFit® magnets during installation. Once the neodymium magnets are installed in the MagnaFit® product and installed on the door frame, there is no longer a risk of damage to electronics and pacemakers.
6. Children should not be allowed to handle neodymium magnets as they can be dangerous. Small magnets pose a choking hazard and should never be swallowed or inserted into any part of the body.
7. Do not cut, saw or drill the Neodymium magnets. Not only could the magnet break, but the resulting dust from the magnet is flammable. Neodymium magnets should not be burned, since this can release toxic fumes.

**Important Safety Warning!**  
**Read before you Order, handle, or install magnets associated with**  
**MagnaFit® Casing Products**

Disclaimer: SelecTrim Corporation neither assumes nor accepts any liability for damages resulting from the handling or use of magnets. The purchaser confirms that they have read and understood the following warnings. The purchaser understands and accepts the terms and warnings below, and agrees to provide a copy of these warnings and terms to all individuals who are expected to be involved in installation of MagnaFit® products.

1. The neodymium magnets used in MagnaFit® products are small yet very strong. They should be handled with care to prevent personal injuries, property damage and magnet damage.
2. Neodymium magnets used in MagnaFit® products are not installed in the casing at the time of shipment. They are shipped separately to reduce the risk associated with handling and working with MagnaFit® casing when the magnets are in place. It is recommended that the magnets not be installed until the casing is trimmed, assembled and ready for final installation.
3. Neodymium magnets are brittle; they can be broken or can splinter in a collision. One should wear gloves and protective glasses when handling these magnets, to protect from pinching, splinters, and sharp broken edges.
4. Do not expose the magnets to excessive heat. Normal Neodymium magnets will lose their magnetic properties at temperatures above 175°F (80° C).
5. The strong magnetic fields of neodymium magnets can damage items such as television, computer monitors, credit cards, bank cards, computers, diskettes and other data carriers, video tapes, mechanical watches, hearing aids, loud speakers and VCRs. Pace-makers may be damaged or switch to "Test Mode" in the close presence of a strong magnetic force. Individuals with pacemakers should avoid handling large quantities of MagnaFit® magnets during installation. Once the neodymium magnets are installed in the MagnaFit® product and installed on the door frame, there is no longer a risk of damage to electronics and pacemakers.
6. Children should not be allowed to handle neodymium magnets as they can be dangerous. Small magnets pose a choking hazard and should never be swallowed or inserted into any part of the body.
7. Do not cut, saw or drill the Neodymium magnets. Not only could the magnet break, but the resulting dust from the magnet is flammable. Neodymium magnets should not be burned, since this can release toxic fumes.





## **MAGNET SAFETY**

### **IMPORTANT SAFETY WARNING! READ BEFORE YOU ORDER AND USE THE MAGNETS**

**DISCLAIMER: APPLIED MAGNETS (OWNER OF MAGNET4LESS.COM) NEITHER ASSUMES NOR ACCEPTS ANY LIABILITY FOR DAMAGES RESULTING FROM THE HANDLING OR USE OF MAGNETS. WITH YOUR PURCHASE, THE BUYER CONFIRMS THAT YOU HAVE READ AND UNDERSTOOD THE FOLLOWING WARNINGS, THE BUYER AGREES THAT HE/SHE IS RESPONSIBLE FOR ALL DAMAGES AND INJURIES CAUSED BY THE MAGNETS, WHICH INCLUDE PERSONAL INJURIES, PROPERTY DAMAGES AND MAGNET DAMAGES. THE BUYER MUST AGREE WITH THE TERMS BEFORE PURCHASE. PULL FORCES WE PROVIDED IS ESTIMATES ONLY, WE ARE NOT RESPONSIBLE FOR ANY INACCURACY OF MAGNET PULL FORCE. PLEASE TEST THE PULL FORCE BEFORE ANY USAGE.**

**THE NEODYMIUM MAGNETS WE SELL ARE VERY STRONG. HANDLING THEM WITH CARE IS NECESSARY TO PREVENT PERSONAL INJURIES, PROPERTY DAMAGES AND MAGNET DAMAGES.**

**"GRADE N42" FOR ALL NEODYMIUM MAGNETS SOLD IN OUR STORE IS DEFINED AS ANY MAGNET THAT HAS BRMAX RANGE FROM 12900 GAUSS TO 13200 GAUSS.**

8. • **NEODYMIUM MAGNETS ARE BRITTLE; THEY CAN BE BROKEN, CHIPPED, OR CAN SPLINTER IN A COLLISION. ONE SHOULD WEAR GLOVES AND PROTECTIVE GLASSES WHEN HANDLING THESE MAGNETS, BECAUSE SPLINTERS AND/OR SPACERS COULD DISENGAGE AND FLY FROM THE MAGNETS.**
9. • **NORMAL NEODYMIUM MAGNETS WILL LOSE THEIR MAGNETIC PROPERTIES IF HEATED ABOVE 175°F (80° C). HIGHER TEMPERATURE RARE EARTH NEODYMIUM MAGNETS ARE AVAILABLE IN OUR STORE.**
10. • **THE STRONG MAGNETIC FIELDS OF NEODYMIUM MAGNETS CAN DAMAGE ITEMS SUCH AS TELEVISION, COMPUTER MONITORS, CREDIT CARDS, BANK CARDS, COMPUTERS, DISKETTES AND OTHER DATA CARRIERS, VIDEO TAPES, MECHANICAL WATCHES, HEARING AIDS, LOUD SPEAKERS AND VCRS. PACE-MAKERS MAY BE DAMAGED OR SWITCH TO "TEST MODE" IN THE PRESENCE OF A STRONG MAGNETIC FORCE, IF A PACE-MAKER IS IN USE, KEEP A MINIMUM OF 3 FEET DISTANCE.**
11. • **YOU SHOULD AVOID HAVING CONSTANT CONTACT WITH MAGNETS OF ANY SIZE AND KEEP A DISTANCE OF AT LEAST 3 FEET TO LARGE MAGNETS.**
12. • **CHILDREN SHOULD NOT BE ALLOWED TO HANDLE NEODYMIUM MAGNETS AS THEY CAN BE DANGEROUS. SMALL MAGNETS POSE A CHOKING HAZARD AND SHOULD NEVER BE SWALLOWED OR INSERTED INTO ANY PART OF THE BODY.**
13. • **UNDER NO CIRCUMSTANCES SHOULD YOU TRY TO CUT, SAW OR DRILL THE NEODYMIUM MAGNETS! NOT ONLY WOULD THE MAGNET BREAK, BUT THE RESULTING DUST FROM THE MAGNET IS VERY FLAMMABLE.**
14. • **NEODYMIUM MAGNETS SHOULD NEVER BE BURNED, AS BURNING THEM WILL CREATE TOXIC FUMES.**
15. • **THE MAGNETS MAY LOSE MAGNETIC FORCE OVER TIME IF TWO MAGNETS OPPOSE EACH OTHER WITH THE SAME POLE.**

### **RETURN POLICY**