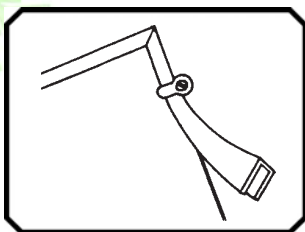
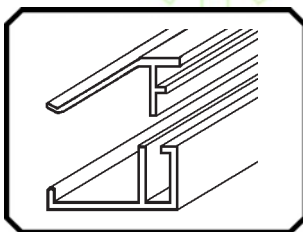




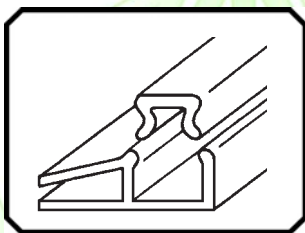
Double Glazing Systems



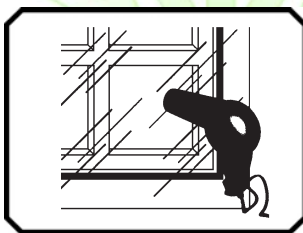
Easyfix



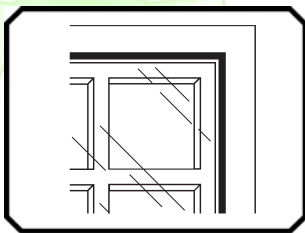
Easyglaze



Superglaze



Filmglaze



Magnetglaze



Magnetglaze Pro

TUBEWAY (SALES) LTD are proud to offer six effective secondary double glazing systems to the general public. Each system is available through independent DIY and Hardware shops throughout Great Britain. You will not find our products in the multiple chain stores. The major benefits of using such a system are that it:

REDUCES HEAT LOSS
REDUCES FUEL COSTS
KEEPS ROOMS WARM ALL OVER
LOWERS NOISE PENETRATION

Each system has been developed for the average DIY enthusiast to use in the home with the minimum of tools and effort to achieve a professional appearance. When fitted they are clean, unobtrusive and very efficient systems, reducing heat loss and thereby saving pounds in fuel bills. Draughts from windows are eliminated when fitted to the frame, noise levels reduced and more constant room temperatures are produced using any of the systems. An advantage of using the Easyfix, Superglaze, Easyglaze and Magnetic systems is that the glazing panels can be removed, cleaned and replaced quite easily.

EASYFIX has been a major product line with us for over 40 years and is still a popular product in the range, available for both glass and plastic sheeting.

SUPERGLAZE was introduced when the demand for a smart rigid fixed system became apparent. This can be used for glass and plastic sheet of 2.5mm minimum thickness.

EASYGLAZE came next and caters for the plastic sheeting market only - ideal for use with 2mm. We do not recommend glass is used with this product.

FILMGLAZE enhances the range and offers an inexpensive but effective disposable system, which is in high demand in the consumer market today.

MAGNETGLAZE is a simple solution to secondary glazing, ideal for use with 2mm sheeting. We do not recommend glass is used with this product.

MAGNETGLAZE PRO is the heavier version of the magnetic system and enables you to form a frame around the sheet before fixing to your window.

Try using an EASYFIX system on just one room and then complete each room as and when it suits you to give a fully double glazed home. Alternatively, it can be used in your greenhouse, boat or caravan, anywhere that would benefit from the above features.

***PLEASE READ INSTRUCTIONS THOROUGHLY
BEFORE CUTTING OR FITTING ANY SYSTEM***

TUBEWAY (SALES) LIMITED

Elton Park, Hadleigh Road, Ipswich, IP2 0HN

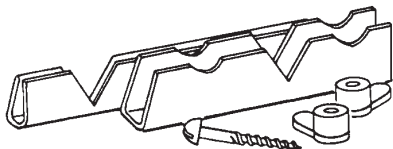
Tel: 01473 251051 Fax: 01473 236044

email: sales@tubeway.co.uk website: www.tubeway.co.uk

EASYFIX is a Registered Trademark of Tubeway (Sales) Limited

The Easyfix System

EASYFIX double glazing comprises a flexible PVC edging strip, which is placed neatly around a piece of glass or plastic sheet and held in position by nylon fixing clips and woodscrews. A mitre gauge to help cut neat accurate corners is available separately, a feature unique to our system.



EASYFIX edging strip is sold by the metre (a complete reel holds 30m) for 2mm, 3mm, 4mm or 5mm glass or plastic sheeting, in clear, brown or white. Nylon fixing clips, sold in packets of 12, support the edging strip sizes and are natural or brown in colour. Woodscrews are also sold in packets of 12, while the mitre gauge is

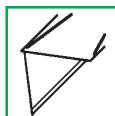
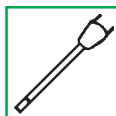
sold singly. Your local glazier will be pleased to advise on glass regulations for your application and also supply and cut to your requirements.

EASYFIX double glazing pre-packs are an alternative to the loose packed items mentioned so far. A 15m kit in any of the edging strip sizes or colours, comes complete with 72 clips and 72 screws to fix the edging strip provided. A mitre gauge and full fitting instructions are included in the pre-pack.

An EASYFIX secondary pane can be fixed either to the opening window lights to allow ventilation and use of the windows, or to the main frame for maximum insulation and draught proofing. When use of the windows is required, we suggest the glass is installed externally. Where possible, allow the secondary glass to overlap the frame by 10mm on each edge.

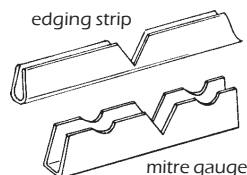
HELPFUL HINTS - The edging strip is always easier to work with when it's warm. We suggest placing it in the airing cupboard or similar place the night before use. When placing edging strip onto glass **DO NOT** run finger down the back of the edging strip to apply it quickly, work a few cms at a time.

TOOLS REQUIRED - A screwdriver, craft knife or similar, ball-point pen and a tape measure.



USING EASYFIX STEP BY STEP

1. Place a mark on the edging strip 5cm from a neat squarely cut end.
2. Lay the edging strip in the channel of the EASYFIX mitre gauge so the mark on the edging strip is in the centre of the middle "V". Holding the strip firmly in the two finger grips, cut down each side of the "V" with the sharp knife, being careful not to cut right through the strip.



3. Now carefully fit the edging strip on the glass, the cut out should mould easily around the first corner. Continue along this edge to the next corner and place a mark with the pen on the edging strip where the glass finishes. This point marks the position of the next corner.
4. Repeat steps 2 and 3 until the edging strip is fitted around the pane of glass.
5. You will need a clip about 5cm from each corner on each side, then clips spaced equally about 20-25cm along the remaining distance.
6. Position the sheet carefully so there is an equal overlap on the frame on all four sides.
7. Fix the two clips on the bottom edge 5cm from the corners - these will hold the weight of the sheet.
8. Make sure the glass is clean and the window perfectly dry before resting the pane on the bottom fixing clips. Fix two clips on the top edge, making sure that one of these first four clips covers the join in the edging strip.
9. Now complete the window by fixing the rest of the clips as suggested above.

It is always best to remove double glazing in summer to allow ventilation.

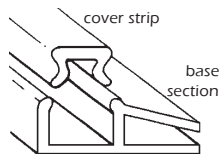
The Superglaze System

The SUPERGLAZE system comprises a rigid PVC moulding to edge the glass, this being mitred at the corners, which is then fixed to the frame with screws through the open fixing channel. A cover strip is then snapped into place concealing the fixing screws giving a neat, unobtrusive appearance.

SUPERGLAZE is sold in packs of either 914mm, 1.22m or 1.83m lengths, in a choice of white or brown coloured sections. Each pack contains two lengths of moulding and cover strip, fixing screws and easy to follow fixing instructions. Your local glazier will be pleased to advise on glass regulations for your application and also supply and cut to your requirements.

The SUPERGLAZE secondary pane may be fixed either to the opening window lights to allow ventilation and use of the windows, or to the main frame for maximum insulation and draught proofing.

When use of the windows is required we suggest the glass is installed externally. When using SUPERGLAZE ensure there is at least 20mm of flat mounting surface around each side of the glass to take the fixings.

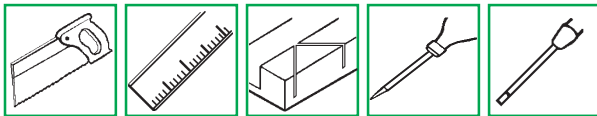


HELPFUL HINTS - as SUPERGLAZE can be used on various thicknesses of glass and sheeting, there are occasions when it seems tight to apply. On these occasions we suggest two measures:

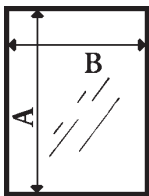
- (a) Using an oilstone or grinding wheel, lightly rub both edges of the pane, this takes off the sharp edge left by the glazier when the glass was cut.
- (b) Use a drop of washing-up liquid to ease the section onto the glass.

HELPFUL HINTS - When applying the base section **DO NOT** attempt to slide it on, it is easier to start at one end and push on cm by cm. For window frames where gaps occur between the base section and the frame when the pane is in position, we recommend the use of our standard PVC foam draught excluder DE901. This should be fixed to the bottom of the base section so that when the pane is screwed into place the foam is compressed and forms the seal, this creates the layer of still air needed to provide the insulation.

TOOLS REQUIRED - Fine toothed saw, mitre block, tape measure, bradawl and a screwdriver.



Measuring up for your glass or sheeting



1. Measure the existing window pane, vertically (measurement A) and horizontally (measurement B). **This is the visible glass only and does not include any frame.**
2. Add 16mm to each measurement A & B. This will give you the size of the glass or sheeting required. Also ensure you have the minimum 20mm mounting surface on each side of your window.

Measuring up for your SUPERGLAZE packs

3. For the sides, take measurement 'A', add 39mm and round this up to the nearest available pack length i.e. 914mm, 1220mm or 1830mm.
4. For the top and bottom, take measurement 'B', add 39mm and also round this up to the nearest available pack length.

USING SUPERGLAZE STEP BY STEP

5. Remove all packaging and snap cover strip into base section.
6. Working with your piece of glass, measure the side to which you want to place a strip of SUPERGLAZE. Add 23mm to this and squarely cut a length of the SUPERGLAZE to suit. Repeat this step for each side remembering to use the correct lengths for sides, top and bottom.
7. Using the outer corner as a reference point (see Diagram A), cut a 45° mitre on each end, using the fine toothed saw and mitre block. Repeat this for each length.
8. Remove the cover strip and mark base and cover sections on the inside, ready to pair up later.
9. Fit base section around the edges of the panel. (see Helpful Hints).
10. After cleaning the glass and making sure the window is perfectly dry, offer up the edged pane to the window frame and fix using the screws provided. Use extra screws if necessary to ensure a snug fit all round the frame.
11. Replace each cover strip in its base section to complete the system.

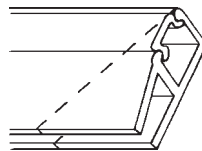
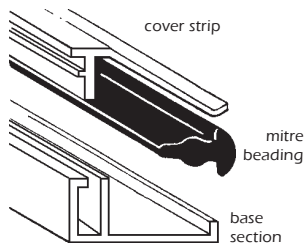


Diagram A

It is always best to remove double glazing in summer to allow ventilation.

The Easyglaze System

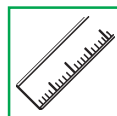
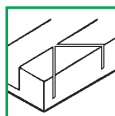
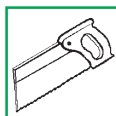
The EASYGLAZE double glazing system comprises two rigid PVC sections, a base section and a cover strip. It is available in 2.44m (8ft) lengths and in choice of White or Brown. A length of mitre beading is also supplied to assist you in cutting neat, accurate corners. This product is fixed to the frame by self-adhesive tape which is mounted on the base section. We **DO NOT** recommend the use of glass with this product.



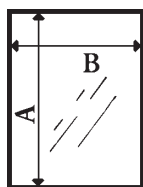
The EASYGLAZE system is for internal use only, fixing directly to the frame for maximum insulation and draught proofing. When using EASYGLAZE ensure there is at least 15mm of flat mounting surface around each side of the glass to take the adhesive base section.

HELPFUL HINTS - To achieve a neat mitre cut a small piece of mitre bead and insert between the base and cover strip at the point where the mitre is to be cut. Cut the mitre through all sections. This beading has the effect of holding the cover strip at the correct angle so that when applied to the sheet it results in a neat mitre.

TOOLS REQUIRED - A fine toothed saw, mitre block, pencil and tape measure.



Measuring up for your Plastic Sheeting



1. Measure the existing window pane, vertically (measurement A) and horizontally (measurement B). **This is the visible glass only and does not include any frame.**
2. Add 12mm to each measurement A & B. This will give you the size of the sheeting required. Also ensure you have the minimum 15mm mounting surface on each side of your window.

Measuring up for your EASYGLAZE

3. You will require 2 lengths at measurement 'A' plus 25mm and 2 lengths at measurement 'B' plus 25mm for your window. Add these together to find out how many 2.44m lengths you will need.

USING EASYGLAZE STEP BY STEP

4. Ensure cover strip is snapped into base section.
5. Working with your piece of sheeting, measure the side to which you want to place a strip of EASYGLAZE. Add 13mm to this and squarely cut a length of the EASYGLAZE to suit. Repeat this step for each side.
6. Insert a small piece of mitre beading between cover and base at the end of the length to be cut. Using the outer corner as a reference point (see Diagram B), cut a 45° mitre using the fine toothed saw and mitre block. Repeat this step for each corner.

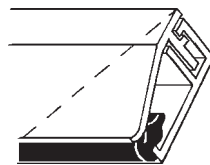


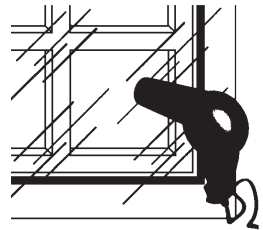
Diagram B

7. Now place the EASYGLAZE onto each edge of the plastic sheet.
8. Hold the panel to the window frame so that it overlaps equally on each edge and make a pencil mark around the panel on the frame.
9. Make sure all paintwork is free from the grease of silicone polishes, as this could affect the adhesion of the tape. Also make sure the window is perfectly dry.
10. Remove the EASYGLAZE and separate the base and top sections (mark which top goes with which bottom section). Remove the backing tape and apply the base to the window frame just inside the pencil mark. Check corners are neat and square then press home firmly. (The adhesive is very strong and re-positioning of the pane is virtually impossible).
11. Once all four sides are complete, offer the plastic sheet to the window frame and insert the top section to hold it in place.

It is always best to remove double glazing in summer to allow ventilation.

The Filmglaze System

FILMGLAZE is the simplest double glazing system in the range. It comprises a sheet of film and a roll of double-sided adhesive tape. The tape is placed around the area to be glazed, the plastic film is then carefully stuck to it and a hairdryer is used to stretch the film. Any wrinkles and creases showing will simply vanish as the heat is applied. Although the cheapest, it is still just as effective as the other systems.



FILMGLAZE is available in 3 pack sizes, Small 1.8m², Medium 4.5m² and Large 9.0m². Comprehensive fitting instructions are included in each pack. The actual film size is 1.5m wide and 1.2m, 3.0m and 6.0m in length for each of the packs respectively.

FILMGLAZE can be used on individual windows, or over the complete window area. Handles and locks can be removed and replaced after the film has been applied. Being a simple film it allows for quick access in cases of emergency.

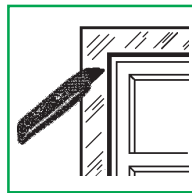
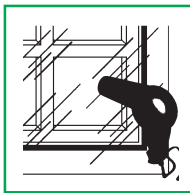
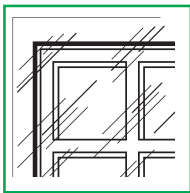
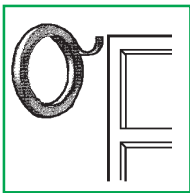
HELPFUL HINTS - Use the film at room temperature and make sure you are only using a single layer. Do not touch the adhesive with your fingers as this may affect the bonding to the frame or film. Try to apply the film as evenly as possible before using the hairdryer.

TOOLS REQUIRED - Sharp craft knife and an ordinary hairdryer.



USING FILMGLAZE STEP BY STEP

1. Thoroughly clean the window and the frame to remove any grease marks or polish. Painted frames must be in good condition to give maximum effect.
2. Apply the double-sided tape to the window frame allowing it to overlap at each end. Once all four sides have been completed trim off excess tape from each corner. DO NOT remove the backing paper yet. Using a soft cloth, press firmly on tape to ensure adhesive has made proper contact with window frame.



3. Completely unfold the glazing film supplied so that you are using only a single layer of film. Offer the film up to the window and mark or cut to the required size. Remember to allow enough material to trim off once film has been secured.
4. Remove the backing paper from the double-sided tape at the top of your window frame. Holding the film by the top corners apply to the tape keeping the film as flat and taut as possible. Remove the other three pieces of backing paper from your frame. Holding the bottom corners apply the film to the adhesive tape in the same way. If large wrinkles are noticeable the film can be carefully removed and repositioned. Once in place apply pressure over the film and tape to secure edges of the FILMGLAZE system.
5. Using an ordinary hairdryer on the lowest heat setting begin heating the film at the top left corner and work towards the bottom right. If the film does not appear to be shrinking, move the hairdryer closer, between 2 - 5 cm from the film is ideal. If this still does nothing it will be necessary to change your hairdryer to a higher heat setting. The wrinkles and creases will disappear and leave a clear, economical and effective double glazed unit. To test the film is tight enough, leave for approximately 30 seconds and then flick the film with a finger, you should hear a tight drum sound.
6. Using a very sharp knife trim off all excess film from around the outside of the tape to leave a neat, unobtrusive sealed unit.

FILMGLAZE can be kept clean by wiping with a soft cloth. If too much pressure is applied and the film goes saggy, it can be tightened again using the hairdryer. When the time comes to remove the film, carefully trim just inside the tape and remove the centre panel of film. With the help of the hairdryer, warm and ease the double-sided tape away from the frame. Any adhesive left behind can be cleaned using white spirit or an alternative cleaner.

The Magnetglaze Pro System

MAGNETGLAZE PRO combines the simplicity of the magnetic fixing with the aesthetic appeal of framing your plastic sheet. It comprises two parts, a rigid pvc frame profile which has the magnetic strip attached and a self-adhesive metal strip. A length of mitre beading is also supplied to assist you in cutting neat, accurate corners. This system is particularly suitable for windows requiring quick or repeated removal.

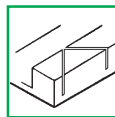
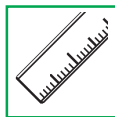
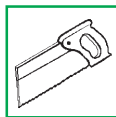


MAGNETGLAZE PRO is available in a 2.44m lengths and white or brown in colour

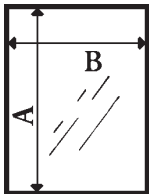
MAGNETGLAZE is intended for internal use only and NOT recommended for use with glass. Always fit to the main frame and not to opening windows.

HELPFUL HINTS - For larger windows (1200mm x 1200mm or bigger) we strongly recommend placing a couple of screws under the glazing panel to support the sheet. This will prevent the sheet from slipping down and becoming detached.

TOOLS REQUIRED - Fine tooth saw, tape measure, mitre block and pencil.



Measuring up for your Plastic Sheeting



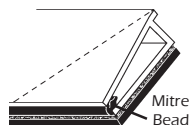
1. Measure the existing window pane, vertically (measurement A) and horizontally (measurement B). **This is the visible glass only and does not include any frame.**
2. Add 30mm to each measurement A & B. This will give you the size of the sheet required. Also ensure you have a minimum 20mm mounting surface on each side of your window.

Measuring up for your MAGNETGLAZE PRO

3. You will require 2 lengths at measurement 'A' plus 33mm and 2 lengths at measurement 'B' plus 33mm for your window. Add these together to find out how many 2.44m lengths you will need.

USING MAGNETGLAZE PRO STEP BY STEP

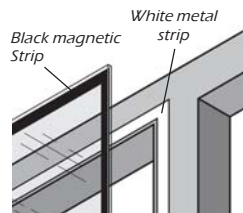
4. Remove the white metal strip from the length of Magnetglaze PRO.
5. Working with your plastic panel, measure the side to which you want to place a strip of Magnetglaze PRO. Add 3mm to this and squarely cut a length of Magnetglaze PRO to suit. Repeat for each side of the panel.
6. Using the outer corner as a reference (see diagram), insert the mitre bead and cut a 45° mitre using the fine toothed saw and mitre block. Repeat this step for all lengths.
7. Now fit the Magnetglaze PRO to the edges of the panel.
8. Hold the panel to the window frame so that it overlaps equally on each edge.
9. Draw a pencil line around the sheet on the frame.
10. Cut and fit the white metal strip to the window frame, sticking it just inside the pencil marks.
11. Offer up the glazing panel to the window and click into place.



It is always best to remove double glazing in summer to allow ventilation.

The Magnetglaze System

MAGNETGLAZE is the latest addition to the double glazing systems that we offer from the EASYFIX range. It comprises two strips, one metal and the other magnetic. The metal strip is white faced and has self-adhesive tape on one side. This strip is placed on the window frame around the area to be glazed. The magnetic strip, which is also self-adhesive is placed around the edges of the plastic sheet.

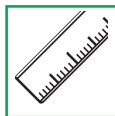


MAGNETGLAZE is available in a convenient 5m pre-pack.

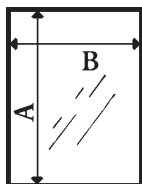
MAGNETGLAZE is intended for internal use only and NOT recommended for use with glass. Always fit to the main frame and not to opening windows.

HELPFUL HINTS - For larger windows (1200mm x 1200mm or bigger) we strongly recommend placing a couple of screws under the glazing panel to support the sheet. This will prevent the sheet from slipping down and becoming detached.

TOOLS REQUIRED - Tape measure, pencil and strong pair of scissors.



Measuring up for your Plastic Sheeting



1. Measure the existing window pane, vertically (measurement A) and horizontally (measurement B). **This is the visible glass only and does not include any frame.**
2. Add 25mm to each measurement A & B. This will give you the size of the sheet required. Also ensure you have a minimum 19mm mounting surface on each side of your window.

Measuring up for your MAGNETGLAZE

3. You will require 2 lengths at measurement 'A' plus 25mm and 2 lengths at measurement 'B' for your window (**do not** add 25mm to measurement B). Add these together to find out how many 5m pre-pack kits you will need.

USING MAGNETGLAZE STEP BY STEP

4. Remove strips from packaging and begin by cutting and sticking the black magnetic strip to each edge of the plastic sheet.
5. Now hold the panel to the window frame so that it overlaps equally on each edge.
6. Draw a pencil line around the sheet on the frame
7. Cut and fit the white metal strip to the window frame, sticking it just inside the pencil marks.
8. Offer up the glazing panel to the window and click into place.

It is always best to remove double glazing in summer to allow ventilation.