



A World Class Company

* Registered trademark of Schlegel Corporation

Schlegel UK is part of a world wide organisation - an innovative, problem solving operation focusing on energy conservation and is an acknowledged specialist in sealing products and architectural hardware for the door and window industries.

From our beginning in 1885 as New York textiles weavers, we have grown into a multinational operation. Now with over 50 years specialist experience in weathersealing products, Schlegel can justify claim to have the definitive range of products, accommodating the needs of the domestic, industrial, commercial and institutional market places.

But Schlegel is more than just a supplier. An extensive research and development programme, supported by a multi-million pound annual budget, means that Schlegel works in

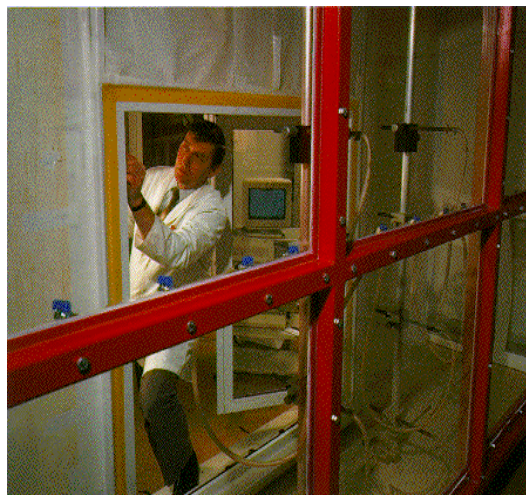
conjunction with customers to produce new products, improve on existing products and is consequently always expanding its range.

Unique bespoke testing facilities at our Headquarters in Henlow Camp, Bedfordshire, support those research and development projects and help maintain our standing as market leaders in perimeter sealing techniques.

The emphasis is on high quality, premium products and our weatherseals conform to a variety of global standards - DIN, ISO and ASTM as well as the rigorous British Standards.

With manufacturing sites in ten countries, '000s of employees and impressive market penetration on several continents, Schlegel can comfortably claim to be a world class company.

Engineers use CAD techniques to evolve new Q-LON variants to exacting specifications.



Product testing is an essential element of Schlegels in-house research and development programme



Why Draught-proof and Weatherseal?

* Registered trademark of Schlegel Corporation

Draughts through windows and doors in an uninsulated building can account for as much as 10-15% heat loss. Weathersealing makes a building more comfortable, because the heat is retained in the room, which means the heating controls can be turned down. It can stop doors and windows rattling and may even make them easier to open and shut. It also lessens the chances of corrosion and decay by excluding rain and wind, not to mention dust and some noise.

1. Energy Saving

By effectively sealing poor fitting windows and door, Q-LON weatherseals can save up to 15% on general fuel bills.

2. Noise Reduction

By reducing airflow, weatherseals can cut down general traffic noise through street facing doors and windows. Likewise, sound levels in offices near noisy production lines or factory units can be reduced.

3. Cost Efficient Maintenance

Replacement of draughty doors and windows is costly. The Q-LON range is not affected by paint or stain and weathersealing helps spread this cost by maintaining its performance.

4. Simple to Fit

Pin fixed to the frame or opening light - Q-LON Retrofit weatherseals require little training to fit.



Why Specify Q-LON?

Q-LON WEATHERSEALS HAVE
MANY UNIQUE FEATURES
MAKING THEM ATTRACTIVE
TO SPECIFIERS, INSTALLERS AND
END USERS ALIKE

*

Aesthetic

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Paintable

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Stainable

*

Minimum 10 year lifespan

*

Excellent memory

*

Low friction characteristics

*

7386 conformity

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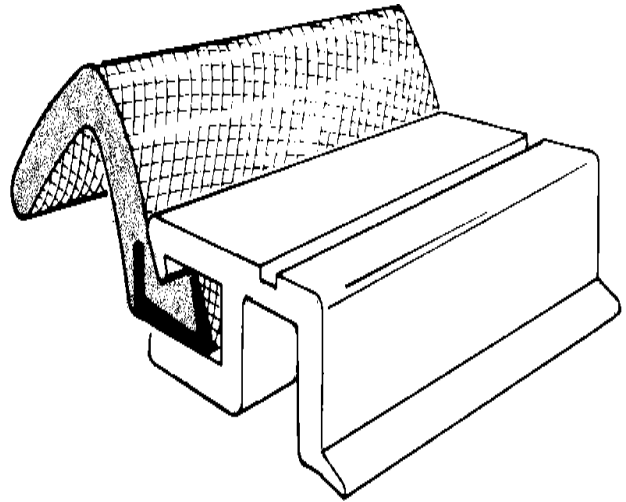
BS5750 quality guaranteed



Exterior Door Seals

Product Range Features

Seal performance - not affected by painting over.
Low density cellular core encased in Low friction liner : gives low closing force for ease of operation.
Flexible secondary seal - second line of defence against weather.
Also available in 'L' carrier format in PVC-u. Retro 21 (L) (also available in aluminium will mill or anodised finish).
Minimum 10 year life span.



Q-LON RETRO 21B (5694)

DOOR AND WINDOW PERIMETER SEAL
BS7386 (1990) CLASS 1

Fitting reference: - Method 1

Profile reference: - 11

Product Applications

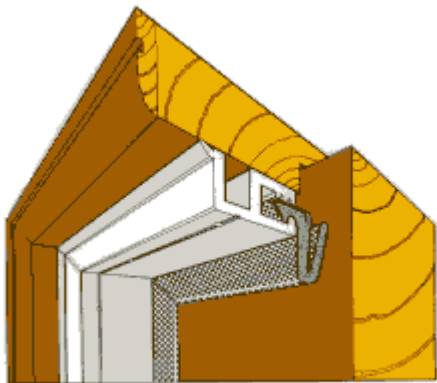
External and internal door seals.
Perimeters of badly warped timber casement windows.

Product Specification

Supplied in 2.1 metre lengths. Carrier is rigid high impact PVC-u (white or dark brown) pre-punched or drilled at 150mm centres. 25mm Stainless Steel fixing pins.

Performance Benefits

More easily compressed for greater ease of door operation.
Resists dirt and grime.
Excellent memory - returns to original shape after compression.
Reaches out - to cope with seasonal gap size changes.
U.V. light stable.



Q-LON RETRO 21L (5694)

DOOR AND WINDOW SEAL

BS7386 (1990) CLASS 1

Fitting reference: - Method 1

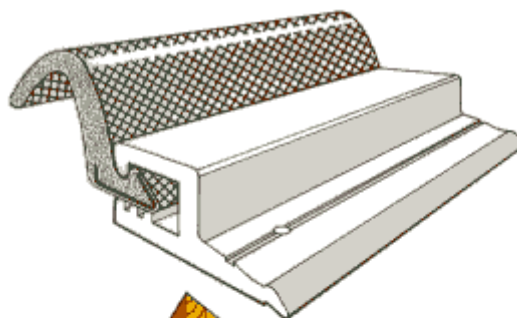
Profile reference: - 1

Product Applications

External and internal door seals
Perimeters of badly warped timber
casement windows

Product Specification

Supplied in 2.1 metre lengths.
Carrier is rigid high impact PVC-u (white
or brown) pre-punched at 150mm centres 20mm
Stainless Steel fixing pins.



Performance Benefits

More easily compressed for greater ease of door
operation
Resists dirt and grime
Excellent memory - returns to original shape
after compression
Reaches out - to cope with seasonal gap
changes
U.V. light stable

Q-LON RETRO 21L (5694)

ALUMINIUM EXTERIOR DOOR SEAL

Fitting reference: - Method 1

Profile reference: - 1

Product Applications

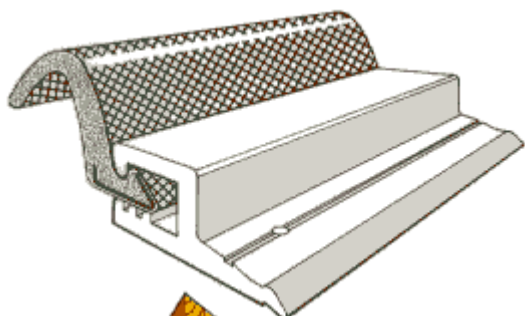
Exterior door seals
Particularly useful when exterior doors are
exposed to severe weather conditions

Product Specification

Supplied in sets of 2 x 1.2 metre and 1 x 1.05
metre lengths including 20mm stainless steel
fixing pins. Holes every 175mm.
Available in mill, anodised and gold finishes

Performance Benefits

More easily compressed for greater ease of
door operation
Resists dirt and grime
Excellent memory - returns to original shape
after compression
Reaches out - to cope with seasonal gap size
changes
U.V. light stable
Aluminium carrier - extra durability extending
the life-span

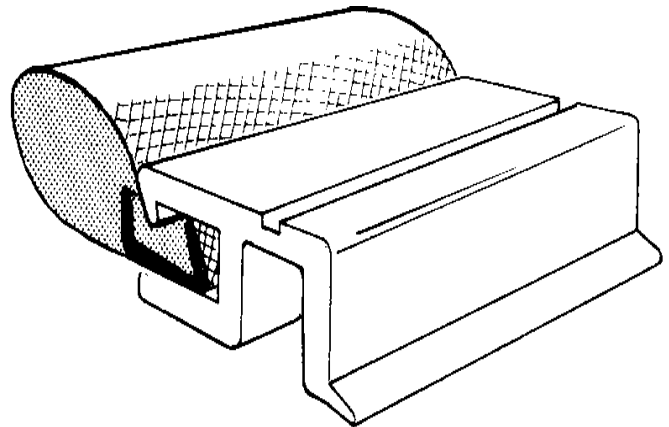




Internal Door Seals

Product Range Features

Deflection seal reduces closing forces for ease of operation
Seal performance - not affected by painting over
Low density cellular core encased in low friction liner - gives low closing force for ease of operation
Flexible secondary seal - second line of defence against weather
Tough PVC-u 'B' carrier format
Minimum 10 year life time



Q-LON RETRO B (5626)

DOOR AND WINDOW SEAL
BS7386 (1990) CLASS 2

Fitting reference - Method 1

Profile reference - 7

Product Applications

External and internal door seals
Perimeters of badly warped timber casement windows

Product Specification

Supplied in 2.1 metre lengths. Carrier is rigid high impact PVC-u (white or dark brown) pre-punched at 150mm centres, 25mm stainless steel fixing pins

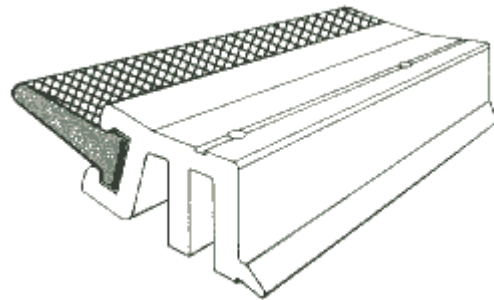
Performance Benefits

More easily compressed for greater ease of door operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal gap size changes
U.V. light stable



Product Range Features

Deflection seal reduces closing forces for ease of operation
Seal performance - not affected by painting over
Low density cellular core encased in low friction liner - gives low closing force for ease of operation
Flexible secondary seal - second line of defence against weather
Tough PVC-u 'B' carrier format
Minimum 10 year life time



Q-LON SBS

DOOR AND WINDOW SEAL
BS7386 (1990) CLASS 2

Fitting reference - Method 3

Profile reference - 12



Product Applications

Where fixing area is narrow on:

- Head and jambs of timber doors
- Perimeters of timber casement window, casement windows
- Vertical timber sliding sash windows

Product Specification

Supplied in 2.1 metre lengths. Carrier is rigid high impact PVC-u (white or dark brown) pre-punched at 150mm centres, 25mm stainless steel fixing pins

Performance Benefits

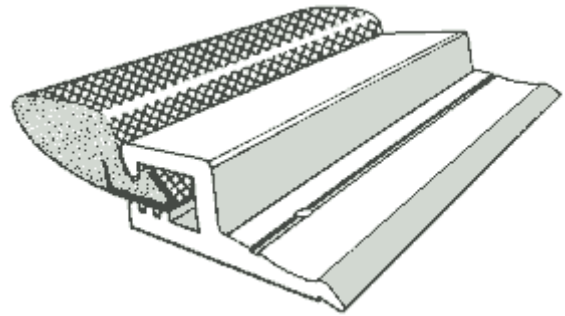
- More easily compressed for greater ease of door operation
- Resists dirt and grime
- Excellent memory - returns to original shape after compression
- Reaches out - to cope with seasonal gap size changes
- U.V. light stable



Window Seals

Product Range Features

Deflection seal reduces closing forces for ease of operation
Seal-performance - not affected by paint or stain
Low density cellular core encased in low friction liner : will not stick on sealing surface
Flexible secondary seal second line of defence against weather
Tough PVC-u 'L' carrier
Also available with slimline carrier for fitting to narrow frames (PSS) and a wider carrier for larger gap sizes (PSL)
Minimum 10 year product life



Q-LON PS (5626)

DOOR AND WINDOW SEAL
BS7386 (1990) CLASS 2

Fitting Reference - Method 3 A & B
Profile Reference - 4

Product Application

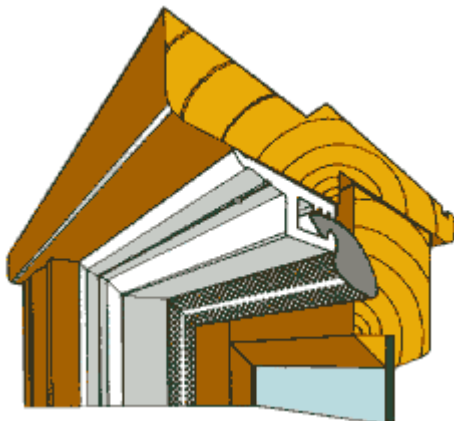
Perimeter of timber casement windows
Vertical sliding sash timber windows
Head and jamb of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths
Carrier is rigid high impact PVC-u (white or brown) pre-punched at 150mm centres, 20mm stainless steel fixing pins

Performance Benefits

More easily compressed for greater ease of door operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal changes
U.V. light stable



Q-LON PSS (5626)

DOOR AND WINDOW SEAL
BS7386 (1990) CLASS 2

Fitting reference - Method 3 A & B
Profile reference - 5

Product Application

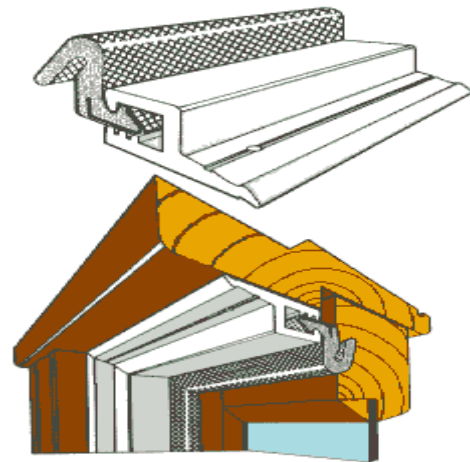
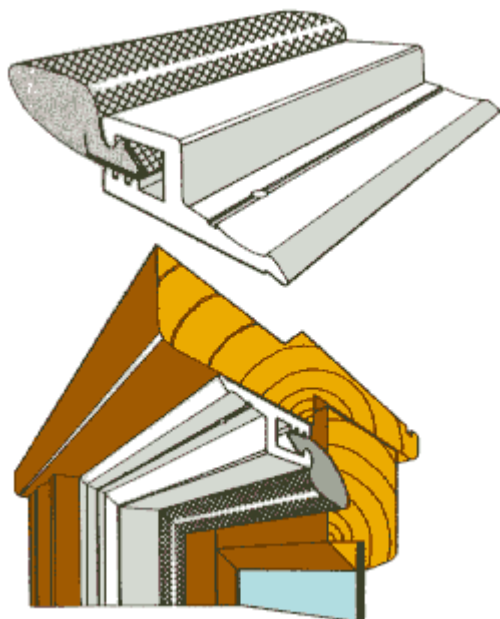
Perimeter of timber casement windows
Vertical sliding sash timber windows
Head and jamb of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths
Carrier is rigid high impact PVC-u (white or brown) pre-punched at 100mm centres
20mm stainless steel fixing pins

Performance Benefits

More easily compressed for greater ease of door operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal changes
U.V. light stable



Q-LON RETRO PSS (AQ 21)

DOOR AND WINDOW SEAL
BS7386 (1990) CLASS 2

Fitting reference - Method 3 A & B
Profile reference - 6

Specific Product Features

A slimline carrier for fitting to narrow frames
A non-grab seal profile for vertical sliding sash applications
Minimum 10 year product life

Product Application

Perimeter of timber casement windows
Vertical sliding sash timber windows
Head and jamb of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths
Carrier is rigid high impact PVC-u (white or brown) pre-punched at 150mm centres, 20mm stainless steel fixing pins

Performance Benefits

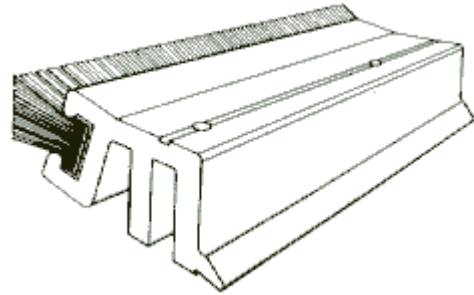
More easily compressed for greater ease of door operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal changes
U.V. light stable



Sharkseal Range of Seals for Windows

Product Features

Low friction - ideal for sliding applications
Reduced closing forces for ease of operation
Polypropylene pile with "Fin-seal"
Flexible secondary seal - second line of defence against weather
Tough PVC-u Box Carrier - slimline size for fitting to narrow frames



SHARKSEAL SBS INTERNAL DOOR AND WINDOW SEAL BS7386 (1990) CLASS 2

Fitting reference - Method 3 A & B
Profile reference - 10

Product Applications

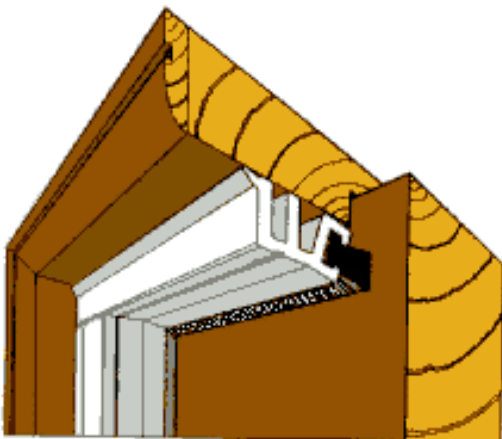
Where fixing area is narrow on:
Head and jambs of timber doors
Perimeters of timber casement windows
Vertical sliding sash timber windows

Product Specification

Supplied in 2.1 metre lengths, carrier is rigid high impact PVC-u (white or dark brown) with pre-punched pin holes at 150mm centres
25mm stainless steel fixing pins
Finseal Pile
Fin - Centrally placed, forms solid barrier against air, water and dust
Resist mould, mildew and corrosion
Silicone treated to resist water and icing

Performance Benefits

Low friction - ideal for sliding applications
Fibres - move independently sealing against uneven surfaces
Resist - acid, alkaline and U.V. light
Secondary seal - gives second line of defence against the weather



Q-LON PSL (5626)

DOOR AND WINDOW PERIMETER SEAL

Fitting reference - Method 3 a & B
Profile reference - 3

Product Application

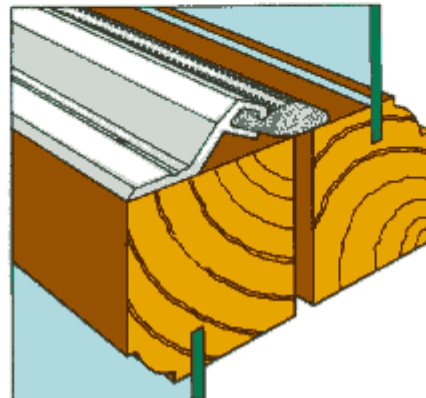
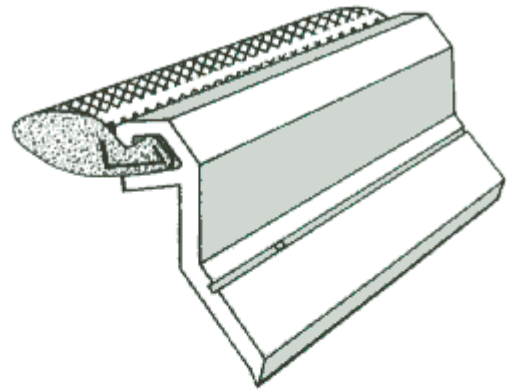
Perimeter of timber casement windows
Vertical sliding sash timber windows
Head and jamb of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths
Carrier is rigid high impact PVC-u (white or brown) pre-punched at 150mm centres, 20mm stainless steel fixing pins

Performance Benefits

More easily compressed for greater ease of door operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal gap changes
U.V. light stable



Q-LON FS

WINDOW SEAL BS7386 (CLASS 2)

Fitting reference - Method 3 B & C
Profile reference - 2

Profile Applications

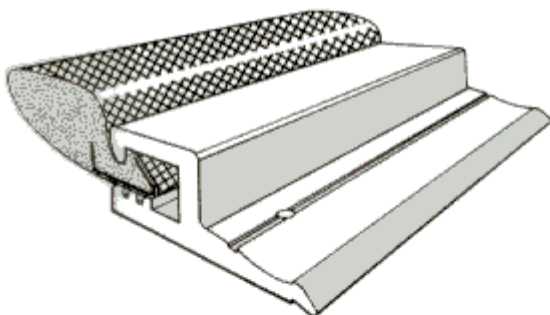
Meeting rails of timber vertical sliding sash windows

Product Specification

Supplied in 2.1 metre lengths. Carrier is rigid high impact PVC-u (white or dark brown) pre-punched or drilled at 150mm centres, 20mm stainless steel fixing pins

Performance Benefits

More easily compressed for greater ease of door and window operation
Resists dirt and grime
Excellent memory - returns to original shape after compression
Reaches out - to cope with seasonal gap changes
U.V. light stable





Seal Adhesive Window & Door Seals

ZERO GAP

Fitting reference - Method 4

Product Application

Metal Windows*
Timber Casement Windows
Timber and Metal Doors
Timber Centre Pivot Windows*

Product Specification

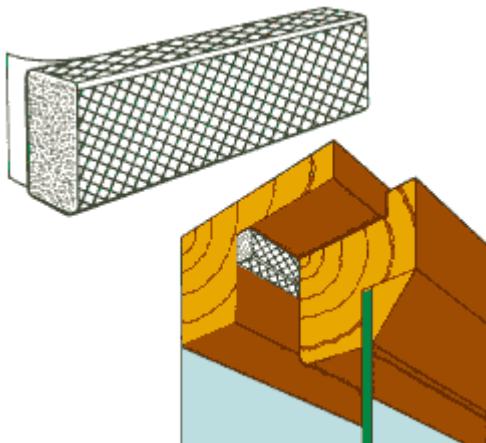
Supplied on a coil of 100 metres in white, black and bronze.

Adhesive backing is protected by peel-off strip

Performance Benefits

Enclosed - completely against the elements
Integral cord - prevents stretching
Adhesive back - gives firm fixing to wood and metal
Sheathing resists wear and protects against U.V. light, ozone and water
Centre core - compresses to 1mm but recovers to original shape
Quick installation - no curing time as with silicone

*denotes to be used in conjunction with an adhesive primer recommended - 3m Scotch 83 Primer



Product Range Features (PSS & PS)

Carrier and deflection seal
reduce closing force for ease
of operation
Flexible secondary seal -
second line of defence against
weather
Tough PVC-u carrier
Polypropylene Pile with
Central Fin

SHARKSEAL PSS

WINDOW SEAL BS7386 (CLASS 2)

Fitting reference - Method 3 A & B
Profile reference - 9

Product Applications

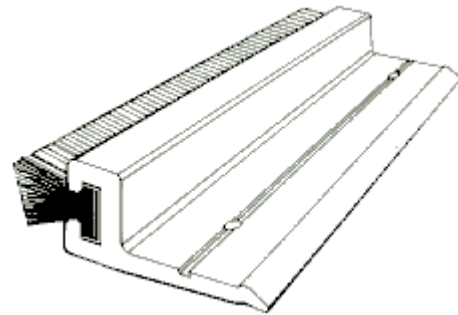
Perimeters of timber casement windows
Vertical sliding sash timber windows
Heads and jambs of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths, carrier is rigid
high impact PVC-u (white or dark brown) pre-
punched at 100mm centres
20mm stainless steel fixing pins

Performance Benefits

Low friction - ideal for sliding applications
Fibres - move independently sealing against
uneven surfaces
Resist - acid, alkaline and U.V. light
Secondary seal - gives second line of
defence against the weather
Fin - centrally placed forms solid barrier
against air, water and dust
Pile - resists mould, mildew and corrosion
Silicone treated - to resist water and icing to
mating surface
Slim carrier - allows product to be fitted
Internally to top sash or vertical sliding
windows



SHARKSEAL PS

WINDOW SEAL BS7386 (CLASS 2)

Fitting reference - Method 3 A & B
Profile reference - 8

Product Applications

Perimeters of timber casement windows
Vertical sliding sash timber windows
Heads and jambs of internal timber doors
Loft hatches and trap doors

Product Specification

Supplied in 2.1 metre lengths, carrier is
rigid high impact PVC-u (white or dark
brown) pre-punched at 150mm centres
20mm stainless steel fixing pins

Performance Benefits

Low friction - ideal for sliding applications
Fibres - move independently sealing
against uneven surfaces
Resist - acid, alkaline and U.V. light
Secondary seal - gives second line of
defence against the weather
Fin - centrally placed forms solid barrier
against air, water and dust
Pile - resists mould, mildew and corrosion
Silicone treated - to resist water and icing
to mating surface



Other Products

SCHLEGEL SILICONE 'O' TUBE

* Fitting reference - Method 4

Product Description

- a. available in 3 sizes to accommodate varying gaps
- b. same day application

Product Applications

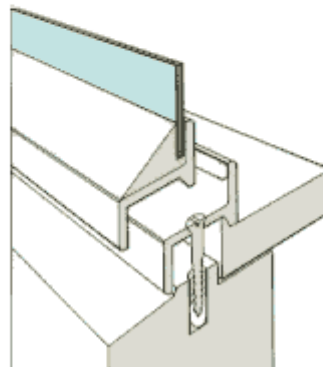
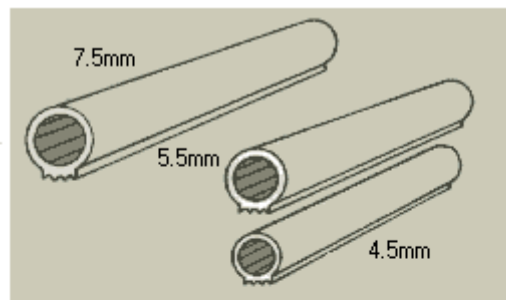
Metal Casement Windows
Metal Pivot Windows
Metal Doors

Product Specification

4.5mm and 5.5mm on 100 metre reels, 7.5mm on 75 metre reels
Supplied with Schlegel Marathon Silicone Adhesive

Performance Benefits

Long life
Resists air pollution
Good resistance to changes in temperature
Adheres well to cleaned surfaces
Joins together to accommodate varying gaps
Moulded ribs to ensure adhesion



SCHLEGEL MARATHON 2 - SILICONE

* Fitting reference - Method 4

Product Description

- a. Flexible shape accommodates varying gaps
- b. Skin time 5 minutes
- c. Surface resists air pollution

Product Applications

Metal Casement Windows
Metal Pivot Windows
Metal Doors

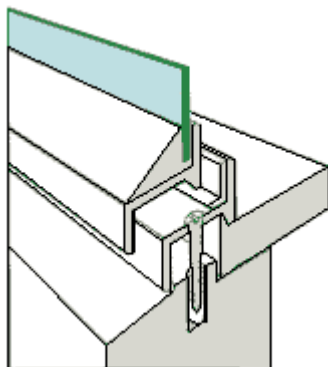
Product Specification

Supplied in cartridges of 310ml., packed 25 to a box
Shelf life 12 months (cartridges are date stamped)

Performance Benefits

Moulds to the exact shape of the gap
Resists air pollution
Excellent temperature resistance
Adheres well to cleaned surfaces
Cuts easily for trimming after curing
No future decoration required

Silicone adhesive emits acetic acid. In case of adhesive getting into eyes, wash out with water: consult a Doctor. Before fitting, please refer to the SCHLEGEL PRODUCT DATA SHEET - available on request.



STARSEAL DB

Fitting reference - Method 2

Product Description

- a. Tough aluminium carrier, straight or angled
- b. Resilient brush 30mm standard length
- c. Pre-punched carrier for speedy installation

Product Applications

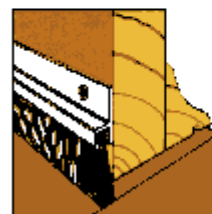
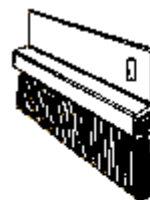
To door bottoms
To meeting stiles of double doors
To all sides of wicker doors

Product Specification

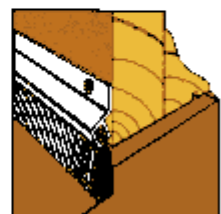
Supplied in widths of 0.914 metre
Brush length is 30mm

Performance Benefits

Extra reach of 30mm standard brush, seals large gaps as well as small
Extra holes at one end of carrier gives ease of installation after cutting
Independent movement of filament seals against uneven surfaces
Punched carrier gives movement up or down on fixing to accommodate varying gap sizes
Rustless carrier and beading
Thick brush seals against draughts and helps seal against water
Contoured carrier - will not harbour dust
Unobtrusive - blends into the bottom of the door
Aluminium carrier - gives extra durability extending lifespan



Door bottom on Sill



Flush Threshold

LETTERBOX SEAL

Product Applications

For horizontal and vertical
letterbox seals
Alternative Seal - includes
superior flapped letterbox seal

Product Specification

Supplied in white or brown with black brush
Single or Double Brush

Performance Benefits

Two Screw holes only for
speedy installation (4
in double)
Rigid back - gives extra
strength and barrier against draught
Brush will always retain original shape
Countersunk screw holes - so that screws do
not protrude outside carrier
Moulded carrier has fractional curve design to
ensure snug fit on door after screws have been
tightened home

