



Product Guide

**Sealmaster**  
of Cambridge

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of Cambridge

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Fire, Smoke, Draught,  
Weather & Acoustic  
Seal Range



Design, Innovation & Manufacture since 1962



# Sealmaster

of Cambridge

Sealmaster is a division of Dixon International Group Limited of Cambridge in the UK. Celebrating 50 years of cutting-edge research and products.

We are Manufacturers of Intumescent Fire and Smoke Seals, Acoustic, Draught and Weather Seals, Fire Glazing and Structural fire safety as well as bespoke solutions.

We provide free technical advice and site visits. We can also provide a technical assessment service for upgrading & retro-fitting to bring buildings into line with current regulations.



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Sealmaster products are Certifire approved



Glass and Glazing Federation



International Fire Seal Association

## Key



Draught & Weather



Acoustic



Smoke & Gas



Fire



Impact



Pinch Point

## How To Order

Please Quote, (Product  
Ref/Size/Colour/  
Quantity)

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## Weather & Acoustic Seals - Door Stop & Window Seals

### Blizzard

- High performance and long lasting weather and draught proofing, acoustic and light sealing for both doors and windows.
- Used to improve the acoustic performance of an existing door.
- Screw fixings are hidden by the cover section, available in a choice of finishes to match Sealmaster threshold sections.

#### Applications

- Internal & external doors.
- Single action casement windows.
- Retrofit.
- Surface mounted with hidden fixings.

#### Sizes

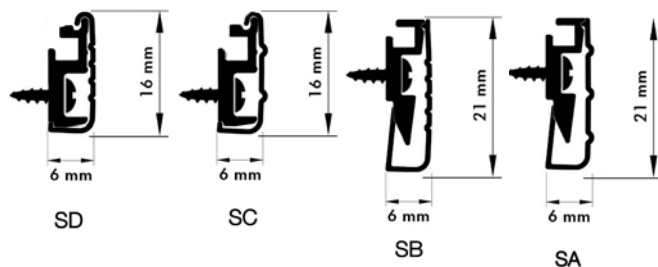
The Blizzard Seal carrier is available in two sizes:

- The 16mm holders are ideal for situations where the seal sections are to be butt jointed.
- The 21mm are designed to accommodate mitred jointing.

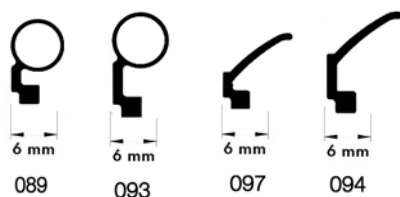
#### Colours

- Satin Gold.
- Satin Silver.

#### Holders:



#### Inserts:



#### Quick Overview

- High performance weather, draught proofing, acoustic and light sealing solution.
- For heads & jambs of internal doors, external doors & hinged casement windows.



#### How To Order

Please Quote,  
(Product Ref/Length/  
Colour/Quantity)  
(Example: SB089/  
2.1m/SatinGold/  
100)

## Weather & Acoustic Seals - Door Stop & Window Seals

### Hurricane

- High performance draught and weather protection and acoustic sealing.
- Suitable for both new and existing doors and windows.
- Ideal solution where watertightness, and smoke, gas and air leakage is important.

#### Applications

- Head & jambs of internal & external doors.
- Hinged casement windows.
- Ideal for photographic & recording studios.

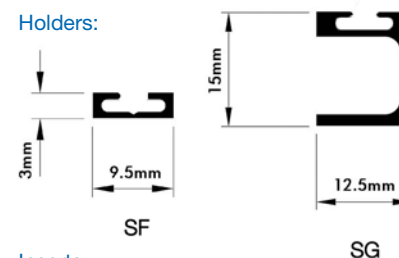
#### Sizes

The Hurricane stop seal aluminium carriers are available with a wide range of angle blade, compression bulb and brush inserts.

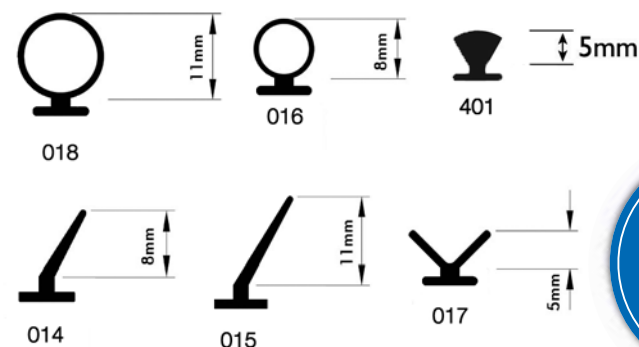
#### Colours

- Satin Gold.
- Satin Silver.

#### Holders:



#### Inserts:



#### Quick Overview:

- High performance weather, draught proofing, acoustic and light sealing solution.
- For heads & jambs of internal doors, external doors & hinged casement windows.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: SF401/  
2.1m/SatinGold/  
100)

## Weather & Acoustic Seals - Door Stop & Window Seals

### Deluge

- Designed to be rebated into the joinery making them unobtrusive.
- Suitable for situations where doors and window frames are to be replaced.
- These stop seals, in conjunction with an appropriate door threshold seal and meeting stile seals on double doors are suitable for: Situations where smoke / gas / air leakage is important.

#### Applications

- Windows & head + jamb of doors.
- Tubular bulb inserts are most suitable for heavy compression doorsets.
- Blades with a crossbar next to the carrier are most suitable for standard applications, straight or angled.
- Straight & angled blades without crossbars are usually recommended for ease of access & low friction operation.

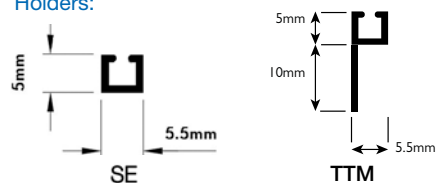
#### Sizes

- Deluge stop seals consist of an aluminium carrier and a wide range of inserts to suit applications.

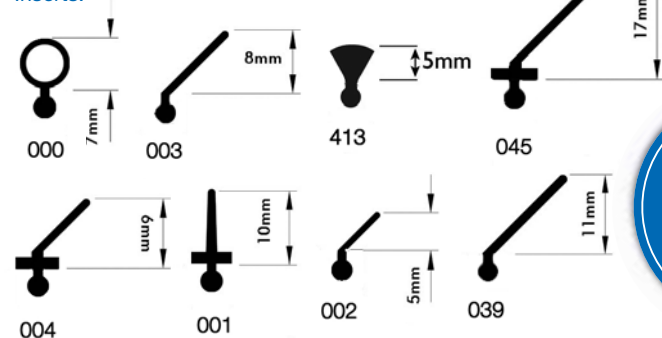
#### Colours

- Silver Mill Finish.

#### Holders:



#### Inserts:



#### Quick Overview

- High performance weather, draught proofing, acoustic and light sealing solution.
- For head & jambs of internal doors, external doors & hinged casement windows.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: SE000/  
2.1m/SatinGold/  
100)

## Weather & Acoustic Seals - Door Stop & Window Seals

### Monsoon

- Heavy duty draught and acoustic seals, particularly suitable for use in industrial applications or other large applications.

#### Applications

- Heavy duty door applications, roller shutter doors & sliding doors.
- On roller shutter doors, these seals should make contact with a suitable threshold, such as the Thunder TMS or TMG.

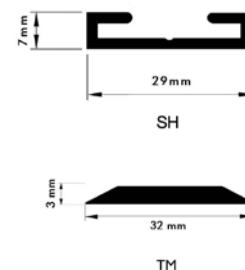
#### Sizes

- All Monsoon profiles are available in any length up to 3m.
- SH compatible with 026 & 027.

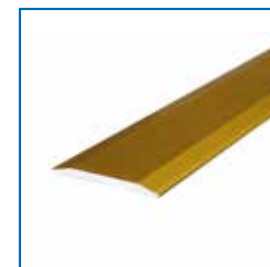
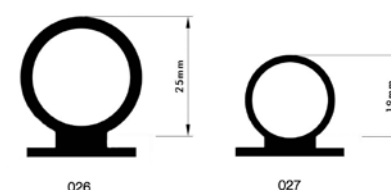
#### Colours

- Satin Gold.
- Satin Silver.

#### Holders:



#### Inserts:



#### Quick Overview:

- High performance noise seal for industrial or other large applications.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: TM/  
2.1m/SatinGold/  
100)

## Weather & Acoustic Seals - Door Stop & Window Seals

### Tempest

- Tempest seals are specifically designed for use on rebated meeting stiles of pairs of doors, primarily French doors or other situations where the opening element and the frame are flush.
- Tempest seals, used in conjunction with other appropriate stop and threshold seals are suitable for situations where control of smoke / gas / air leakage is important.

#### Applications

- The base holder, which accommodates one of the range of flexible neoprene seal inserts, is screw fixed to the required surface.
- Screw fixings are hidden by the cover section, which is available in a choice of ribbed or piped finishes to match the Sealmaster threshold sections e.g. Tempest SKS/088 matches Cyclone TDS/WDS.

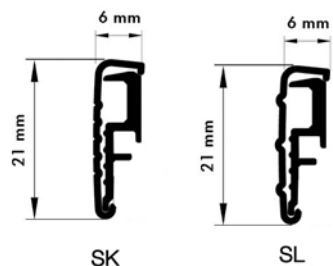
#### Sizes

- All Tempest profiles are available in any length up to 3m.

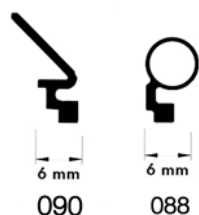
#### Colours

- Satin Gold.
- Satin Silver.

#### Holders:



#### Inserts:



#### Quick Overview

- High performance weather, draught proofing, smoke & acoustic sealing solution.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: SK090/  
2.1m/SatinGold/  
100)

## Weather & Acoustic Seals - Door Stop & Window Seals

### Typhoon

- Typhoon is a specialist range of stop seals for both timber & glass doors.
- For double swing double leaf doors, large single swing doors & plate glass doors.

#### Applications

- Typhoon SM section holders are designed to be rebated flush into the head, meeting and hanging stiles of hinged or pivot doors that swing through 180 degrees and in the meeting stiles of pairs of doors where both leaves are free to open.
- Typhoon SN section holders are designed to fit over the edge of 12.5mm or 10mm plate glass doors.
- For 10mm glass doors neoprene packing should be used on either side of the glass.
- Typhoon SP section holders are designed to be fitted opposite the Typhoon SM section holder seal options on pairs of plate glass doors.

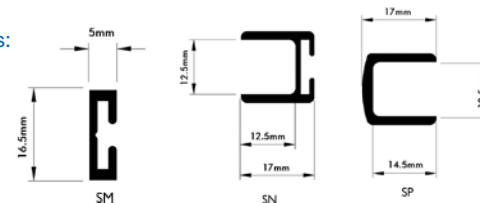
#### Sizes

- All Typhoon profiles are available in any length up to 3m.

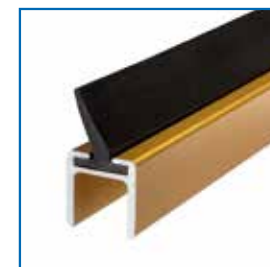
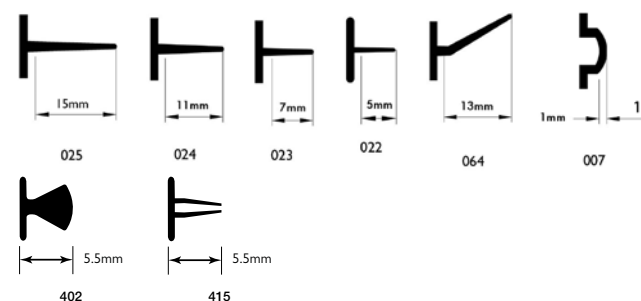
#### Colours

- Satin Gold.
- Satin Silver.

#### Holders:



#### Inserts:



#### Quick Overview:

- High performance weather, draught proofing, smoke & acoustic sealing solution.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: SM007/  
2.1m/SatinGold/  
100)



## Weather & Acoustic Seals - Door Stop & Window Seals

### Storm New

- Self-adhesive high-grade silicon seals.
- Effective, economical and easily applied.
- Highly compressible with excellent recovery.
- Wide temperature tolerance from -34C to +93C.
- Unaffected by sunlight, ozone and impervious to fungi and mildew.

#### Applications

- Seals for both residential and commercial applications.
- Can be fitted at manufacture, or easily applied in situ as a retrofit upgrade of the door.
- Suitable for a wide range of doors, including timber, steel, aluminium and glass.

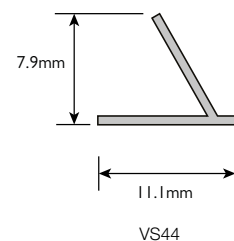
#### Sizes

- The Storm seal is available as either a bulb seal or fin seal in lengths of either 5.2m or 100m coils.

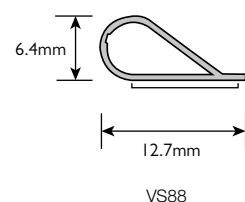
#### Colours

- Black.
- White.
- Bronze.

#### Blade Seals:



#### Bulb Seals:



#### Quick Overview

- Supplied with frame cleaner.
- Easy installation.
- Held in stock.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: VS44/  
5.2m/Black/  
100)

## Weather & Acoustic Seals - Threshold Seals

### Vortex New

- Brush seals consisting of densely compressed nylon filaments, encased in high quality aluminium retainers.
- The dense nylon filaments conform to the contours of the sealing surface, providing an effective seal with low closing force.
- Protects against draught, weather, light, dust smoke & fumes and pests.
- The brush remains flexible down to -40C and has a melting point above 200C.

#### Applications

- Easy to fit seal suitable for most doors and apertures requiring effective control of perimeter joints and gaps.
- Suitable for timber and hollow metal doors.
- Can also be used for sectional doors, sliding doors and automatic doors.

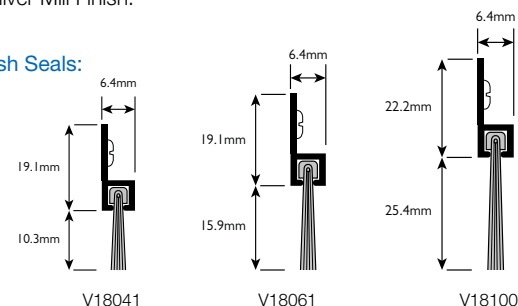
#### Sizes

- The vortex seal is available in 1m and 2.1m lengths.

#### Colours

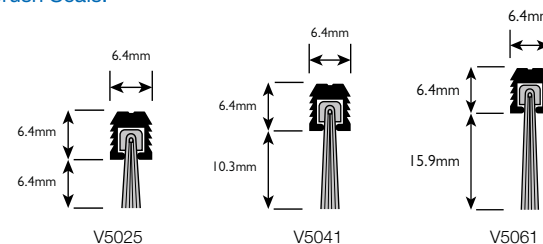
- Silver Mill Finish.

#### Brush Seals:



#### Mortice

#### Brush Seals:



#### Quick Overview

- Surface mounted or rebated options.
- Supplied with fixings.
- Held in stock.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: V18041/  
2.1m/SilverMill/  
100)

## Weather &amp; Acoustic Seals - Threshold Seals

## SmartSeal

- The low-rise SmartSeal threshold section with Sealmaster's patented valve-controlled drainage ensures ease of access with maximum weather protection.
- The SmartSeal threshold section is available in two versions: one for timber or vinyl floor finishes (section TB) and the other for carpet finishes (section TA).
- SmartSeal seals can be used with virtually all Sealmaster stop seals.

## Applications

- A very high performance combination seal, with hidden fixings, for inward or outward opening external doors of either single or double leaf design.

## Sizes

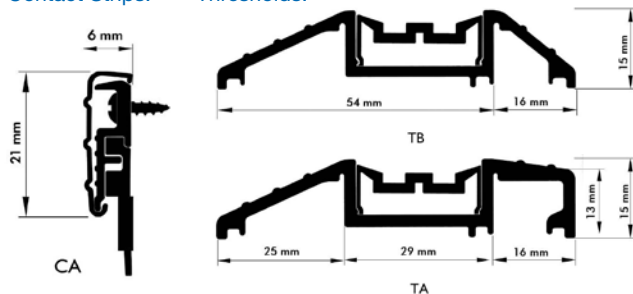
- A range of weatherboard and contact strip options is available in a choice of finishes to suit both traditional and contemporary door designs.

## Colours

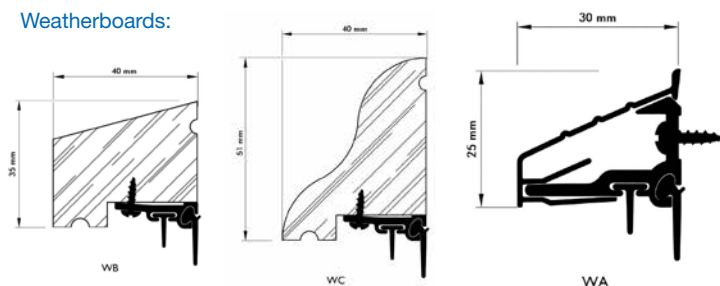
- Satin Gold.
- Satin Silver.

## Contact Strips:

## Thresholds:



## Weatherboards:



## Quick Overview

- High performance weather & acoustic sealing solution.
- For inward & outward opening external doors.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: TBWA/  
1.05m/SatinSilver/  
100)

## Weather &amp; Acoustic Seals - Threshold Seals

## Tornado

- The Tornado threshold is designed to be grooved into the floor and can be used as a floor trim to allow a change of floor finish from one side of the door to the other.
- The smooth, black, closed cell, neoprene insert forms a discrete threshold, either under the centre line of the door or towards one face or the other, depending on the overall design requirements.
- When used with one of the range of Tornado contact strips, this seal combination will provide an effective adjustable seal.
- The minimal upstand of the Tornado threshold insert will not impede foot or wheeled traffic.

## Applications

- An effective draught, acoustic and light seal with minimal visual impact for internal, single swing doors.
- Tornado combination seals can be used with virtually all Sealmaster door stop and window stop seals.

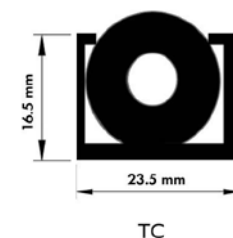
## Sizes

- All Tornado profiles are available in any length up to 3m.

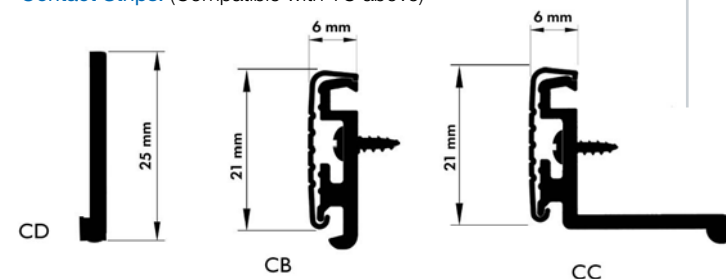
## Colours

- The TC threshold is offered only in a silver mill finish.
- Contact Strips offered in Satin Silver/Gold.

## Thresholds: (Can be used alone or with inserts below)



## Contact Strips: (Compatible with TC above)



## Quick Overview:

- High performance weather & acoustic sealing solution.

## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: TCDD/  
1.05m/SatinSilver/  
100)

## Weather &amp; Acoustic Seals - Threshold Seals

## Cyclone

- The Cyclone threshold and contact strip combinations can be used in most internal and external situations.
- The Cyclone seal used alongside the contact strips, can be used on external doors to comply with Part M of the Building Regulations to allow ease of access.

## Applications

- The Cyclone seal can also be used with the Blizzard seal and other Sealmaster stop seals to achieve an exceptional acoustic performance.
- The TE version is symmetrical for application on top of carpet or vinyl floor finishes.
- The TD version has a flat face against which carpet or vinyl can be finished neatly.

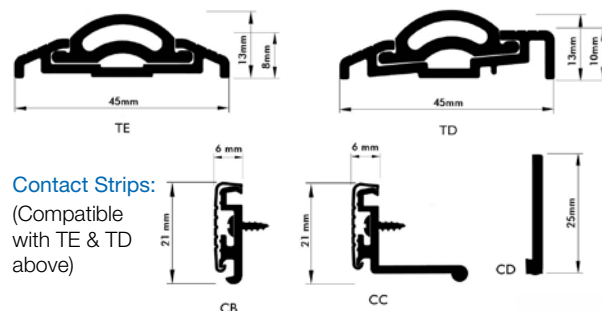
## Sizes

- All Cyclone profiles are offered in any length up to 3m.

## Colours

- Thresholds offered in Satin Silver/Gold.
- Contact strips offered in Satin Gold/Silver.
- Weatherboards offered in Satin Gold/Silver, Red wood, Soft wood and Oak.

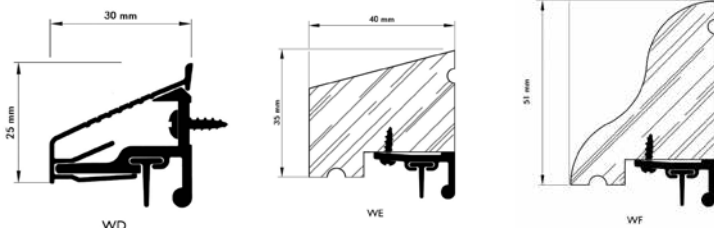
**Thresholds:** (Can be used alone or with inserts below)



## Contact Strips:

(Compatible with TE & TD above)

## Weatherboards:



## Quick Overview

- High performance weather & acoustic sealing solution.
- For inward & outward opening external doors, double swing external & single swing & double swing internal doors.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: TEWE/  
1.05m/SatinSilver/  
100)

## Weather &amp; Acoustic Seals - Threshold Seals

## Watershed

- Watershed's range of threshold sections means that it is possible to finish off a range of floor finishes neatly against this aluminium section.
- The low profile of all the threshold sections ensures compliance with Document M of the Building Regulations and ease of access.
- The channel collects water that has managed to by-pass the rubber blade seals and, through pre-drilled weep holes, this drains to the outside of the building, ensuring a high level of performance.
- All weatherboard and contact strips have concealed fixings and snap on covers which are available in a number of finishes.

## Applications

- An effective threshold seal combination with hidden fixings, designed with options to suit inward and outward opening, single and double leaf, external doors.

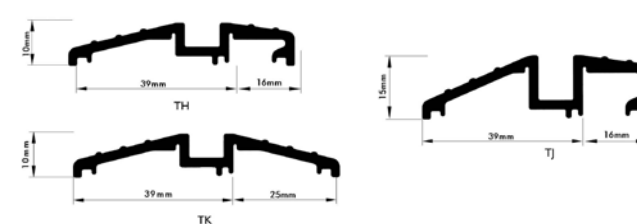
## Sizes

- All watershed profiles are offered in any length up to 3m.

## Colours

- Thresholds offered in Satin Silver/Gold.
- Contact strips offered in Satin Gold/Silver.
- Weatherboards offered in Satin Gold/Silver, Red wood, Soft wood and Oak.

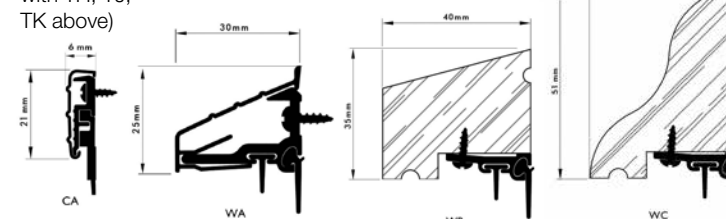
**Thresholds:** (Can be used alone or with inserts below)



## Contact Strips:

(Compatible with TH, TJ, TK above)

## Weatherboards:



## Quick Overview:

- High performance weather & acoustic sealing solution.
- For inward opening external doors & outward opening external doors.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: THCA/  
1.05m/SatinSilver/  
100)



## Weather &amp; Acoustic Seals - Threshold Seals

## Thunder

- A combination seal to improve the performance of inward opening doors with a water bar in the sill but can also be used as a very effective acoustic door seal.
- For acoustic sealing applications the Thunder weather bar sections may be reversed so that only a flat aluminium kick plate is visible. For such applications the low rise 3mm threshold plate (section TM) is suitable.

## Applications

- Thunder seals are available in two sizes with the same overall shape. Where an external door is to be sealed a larger section combination is recommended eg TLS/WGS. The smaller section combinations eg. TNG/WHG are more suited to internal applications.

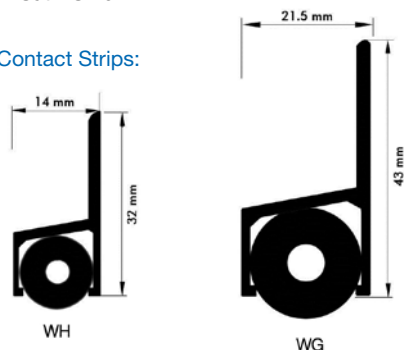
## Sizes

- All Thunder profiles are available in any length up to 3m.

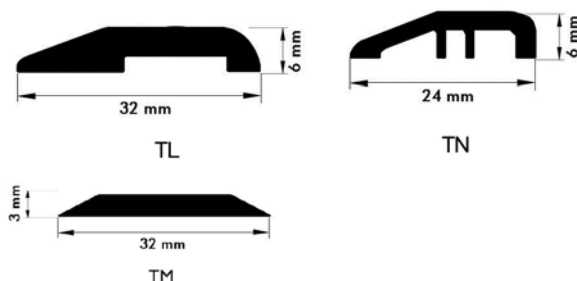
## Colours

- Satin Gold.
- Satin Silver.

## Contact Strips:



## Thresholds:



## Quick Overview

- High performance weather & acoustic sealing solution.
- For acoustic seals on internal doors and refurbishing inward opening external doors.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: WHTL/  
1.05m/SatinSilver/  
100)

## DropSeal

- Sealmaster Automatic DropSeal has been engineered to fill the gap between the door bottom and the floor or threshold plate.
- The seal is operated automatically by pressure against the door jamb on its adjustable plunger.
- The spring loaded mechanism ensures a self levelling sealing along the entire door bottom length.
- The mechanism retracts into the aluminium case when the door is opened.
- Can be supplied with clips and cover as standard.

## Applications

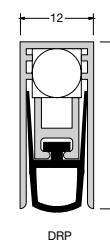
- Suitable for new and retro fit projects, the dropseal provides smoke containment along with acoustic properties as part of an acoustic sealing system.
- The DropSeal is provided with detailed fitting instructions and are routed into the door bottom, stainless steel clips and screws are provided.

## Sizes

- The DropSeal can be used in conjunction with the Sealmaster Delta and Double Fin Acoustic Seals.
- Available in length up to 3m.

## Colours

- Satin Silver.



## Quick Overview:

- High performance smoke containment, weather & acoustic sealing solution.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: DRP/  
1.05m/SatinSilver/  
100)

## Weather &amp; Acoustic Seals - Cold Smoke Seals

## Delta

- Air pocket design for optimal acoustic sealing.
- Low door opening and closing resistance.
- Tested up to 1 million operational cycles.
- Cold smoke leakage less than 3m³/m/hr.
- Suitable for new or retro-fitting.
- Maintenance free.
- Successfully fire tested to EN 1634-1.
- Acoustically rated up to 40dB (EN ISO 10140-2).

## Applications

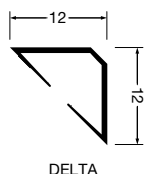
- Fits discretely to the frame head and jambs.
- Bypasses ironmongery for continuous sealing, Self-adhesive for quick and easy installation.

## Sizes

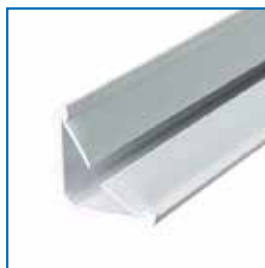
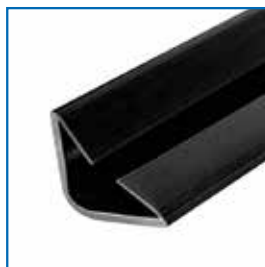
- 2.1m standard length.

## Colours

- Black.
- White.
- Brown.



DELTA



## Quick Overview

- High performance smoke containment, weather & acoustic sealing solution.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: DELTA/  
2.1m/Black/  
100)

## Weather &amp; Acoustic Seals - Cold Smoke Seals

## Double Fin

- Air pocket design for optimal acoustic sealing.
- Low door opening and closing resistance.
- Tested up to 1 million operational cycles.
- Cold smoke leakage less than 3m³/m/hr.
- Suitable for new or retro-fitting.
- Maintenance free Successfully fire tested to EN 1634-1.
- Acoustically rated up to 40dB (EN ISO 10140-2).

## Applications

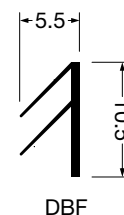
- Fits discretely to the frame head and jambs.
- Bypasses ironmongery for continuous sealing, Self-adhesive for quick and easy installation.

## Sizes

- 2.1m standard length.

## Colours

- Black.
- Brown.
- Clear.



DBF



## Quick Overview

- High performance smoke containment, weather & acoustic sealing solution.



## How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: DBF/  
2.1m/Brown/  
100)

## Weather & Acoustic Seals - Cold Smoke Seals

### DuxBak

- 4.3mm Elastomeric fins for smoke and acoustic sealing.
- Provides the perfect low-cost solution for maximising the acoustic performance of doors and sealing against cold smoke penetration.
- Air pocket design for optimal acoustic sealing.
- Low door opening & closing resistance.
- Tested up to 1 million operational cycles.
- Cold smoke leakage less than 3m<sup>3</sup>/m/hr.
- Suitable for new or retro-fitting.
- Maintenance free.

#### Applications

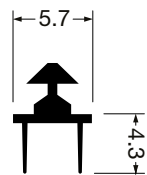
- Fits neatly to the meeting edge of double doors.
- Can be offset to bypass ironmongery.
- Fir-tree base for quick, easy and secure installation.

#### Sizes

- 2.1m standard length.

#### Colours

- Black.



DUXBAK



#### Quick Overview:

- High performance smoke containment, weather & acoustic sealing solution.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: DUXBAK/  
2.1m/Black/  
100)

## Fire Door Seals - Door Edge Seals

### IF30 Intumescent Fire Seal

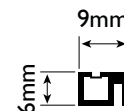
- IF30 Intumescent Fire Seal is the basic intumescent fire seal in the Sealmaster range. It is used where primary protection is needed, to single and double leaves and single and double acting doorsets, and is specified for use on FD30 fire doors.
- The intumescent fire seal consists of an extruded aluminium alloy profile with a single reservoir of Sealmaster intumescent material.
- As the fire develops and reaches the IF30 Intumescent Fire Seal, the intumescent material foams, swells and fills the gaps between the door and the frame.
- The seal enables the door to be opened by firefighters and the copious reserves ensure that the gap will be re-sealed should the door distort for any reason.
- IF30 Intumescent Fire Seals have been tested and approved by Certifire to conform to BS476 part 22.

#### Applications

- In new doorsets, the seal is rebated into the head and jams of the door frame, and is aligned with the centre of the door edge.
- Where IF30 Intumescent Fire Seal is fitted to an existing door assembly, the top rail and stiles of the door are easily rebated. The Intumescent fire seal is interrupted at the hinges and lock/latch plate positions, and protection at these points is normally not essential for FD30 doors.
- We recommend that the groove be routed to give a 'light press fit' for the extrusion.
- The seal should finish flush with the timber.
- Recommended door-to-frame gap is 3 mm.

#### Colours

- Milled aluminium.



IF30



#### Quick Overview:

- High performance fire seal.
- For single-acting single leaf fire doors with no smoke control requirements.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: IF30/1.05m/  
Milled aluminium/  
100)

## Fire Door Seals - Door Edge Seals

### IF60 Intumescent Fire Seal

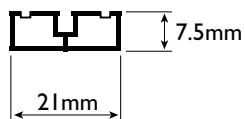
- IF60 Intumescent Fire Seal is a 60 minute fire seal, which provides primary protection for single and double leaf, single and double acting fire doors. It is also used in conjunction with IMP seals at the meeting stiles on double doors.
- The intumescent fire seal is extruded from aluminium alloy and contains two reservoirs, each having substantial reserves of Sealmaster intumescent material.
- The seal enables the door to be opened by firefighters and the copious reserves ensure that the gap will be re-sealed should the door distort for any reason.
- IF60 Intumescent Fire Seals have been tested and approved by Certifire to conform to BS476 part 22. This is the most demanding 3rd party certification scheme in the industry.

#### Applications

- In new doorsets, the seal is rebated into the head and jambs of the door frame, and is aligned with the centre of the door edge.
- The intumescent fire seal is interrupted at the hinges and lock/latch plate positions, and protection at these points is provided by Sealmaster intumescent plugs.
- We recommend that the groove be routed to give a 'light press fit' for the extrusion.
- The seal should finish flush with the timber.
- Recommended door-to-frame gap is 3mm.

#### Colours

- Milled aluminium.



IF60



#### Quick Overview

- High performance fire seal.
- For single-acting single leaf fire doors with no smoke control requirements.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: IF60/2.1m/  
Milled aluminium/  
100)

## Fire Door Seals - Door Edge Seals

### N30 Fire & Smoke Seal

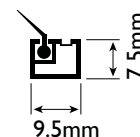
- N30 is a combined fire and smoke seal. It is recommended for single action FD30S fire and smoke-resistant doorsets.
- The extruded aluminium alloy profile contains substantial reserves of Sealmaster intumescent material in a single reservoir. An angled self-extinguishing elastomeric blade gives maximum efficiency with minimum drag.
- N30 Intumescent Fire and Smoke Seal has been tested by TRADA. It retained stability, integrity and insulation well in excess of the 30 minute rating.
- In normal use, the elastomeric blade seals the gap between the door and the frame, and acts as an efficient draught seal.

#### Applications

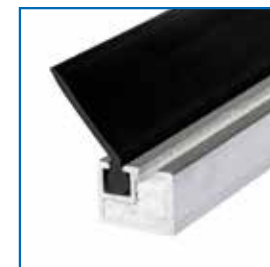
- In new doorsets, the N30 Intumescent Fire and Smoke Seal is rebated into the head and jambs of the door frame, and is aligned with the centre of the door edge.
- Where N30 Intumescent Fire and Smoke Seal is fitted to an existing door assembly, the top rail and stiles of the door are easily rebated.
- Recommended door-to-door gap and door-to-frame gap is 3mm.

#### Colours

- Milled aluminium.



N30



#### Quick Overview:

- High performance fire & smoke seal.
- For single-acting single leaf 30 minutes fire doors and double leaf rebated fire doors.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: N30/2.1m/  
Milled aluminium/  
100)

## Fire Door Seals - Door Edge Seals

### N60 Fire & Smoke Seal

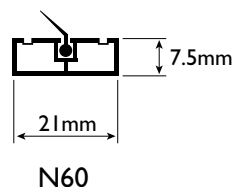
- N60 is a combined fire and smoke seal for 60 minute, single action fire and smoke-resistant doorsets.
- The extruded aluminium alloy profile, has two reservoirs of Sealmaster intumescent material and a self-extinguishing, flame-retardant elastomeric blade.
- As the fire develops and reaches the N60 Intumescent Fire and Smoke Seal, the intumescent material foams, swells and fills the gaps between the door and the frame.
- In normal use, the elastomeric blade seals the gap between the door and the frame, and acts as an efficient draught seal.

#### Applications

- In new doorsets, the N60 intumescent fire and smoke seal is rebated into the head and jambs of the door frame, and is aligned with the centre of the door edge.
- Where N60 Intumescent Fire and Smoke Seal is fitted to an existing door assembly, the top rail and stiles of the door are easily rebated.
- Recommended door-to-door gap and door-to-frame gap is 3mm.

#### Colours

- Milled aluminium.



#### Quick Overview

- High performance fire & smoke seal.
- For single-acting single leaf 60 minutes fire doors and double leaf rebated fire doors.



## Fire Door Seals - Door Edge Seals

### IMN/IMP Combined Intumescent Fire & Smoke Seal

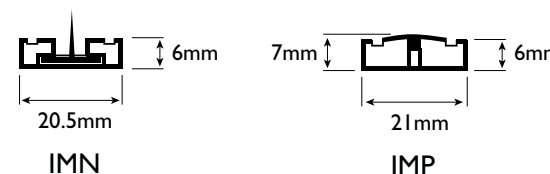
- IMN/IMP is a two-part combined intumescent fire and smoke seal, specifically designed for the meeting stiles of FD30S fire and smoke-resisting door assemblies.
- At the meeting stiles the seal consists of two opposing extruded aluminium alloy profiles - IMN and IMP - each with twin reservoirs which contain substantial reserves of Sealmaster intumescent material.
- IMN also holds a self-extinguishing elastomeric blade, which rests against IMP when the doors are closed.
- At the head and hanging stiles IMN is used on its own with the smoke seal making contact with the door or frame.
- In normal use, the elastomeric blade seals the gap between the doors, and acts as an efficient draught seal.

#### Applications

- In new doorsets, both profiles IMN/IMP are rebated into the centre of opposing door edges at meeting stiles.
- Where IMN/IMP Intumescent Fire and Smoke Seals are fitted to an existing door assembly, the stiles of the door are easily rebated.
- The intumescent fire and smoke seal is interrupted at the hinges and lock/latch striker plate positions, and protection at these points is normally not essential for FD30S doors.
- We recommend that the groove be routed to give a 'light press fit' for the extrusion.
- Recommended door-to-door gap and door-to-frame gap is 3mm.

#### Colours

- Milled aluminium.



#### Quick Overview:

- High performance fire & smoke seal.





## Fire Door Seals - Door Edge Seals

### N60S/IMP Combined Intumescent Fire & Smoke Seal

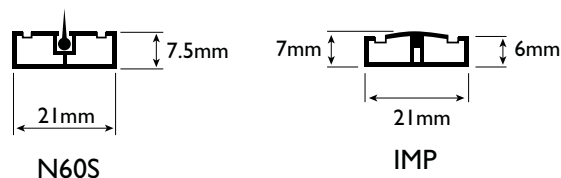
- N60S/IMP is a two-part combined intumescent fire and smoke seal, specifically designed for FD60S fire and smoke-resisting double door assemblies.
- The seal comprises two opposing extruded aluminium alloy profiles - N60S and IMP - each with twin reservoirs which contain substantial reserves of Sealmaster intumescent material.
- The flame-retardant elastomeric blade in N60s provides cold smoke-control function required of all doors designated by the suffix 'S' in Building Regulations Approved Document B.
- In normal use, the elastomeric blade seals the gap between the doors, and acts as an efficient draught seal.
- As the fire develops, the elastomeric blade provides a barrier to the passage of smoke and hot gases. Once the fire reaches the N60S/IMP Combined Intumescent Fire and Smoke Seal, the intumescent material foams, swells and fills the gaps between the doors.

#### Applications

- In new doorsets, both profiles are rebated into the centre of opposing door edges at meeting stiles.
- Where N60S/IMP Combined Intumescent Fire and Smoke Seals are fitted to an existing door assembly, the stiles of the door are easily rebated.
- At the head and hanging stiles N60S is used on its own.
- The intumescent fire and smoke seal is interrupted at the lock/latch striker plate and pivot positions, and protection at these points is provided by Sealmaster Intumescent Plugs for 60 minute doors.
- We recommend that the groove be routed to give a 'light press fit' for the extrusion.
- Recommended door-to-door gap and door-to-frame gap is 3mm.

#### Colours

- Milled aluminium.



#### Quick Overview

- High performance fire & smoke seal.



## Fire Door Seals - Door Edge Seals

### Ultima 60(S) Intumescent Fire & Smoke Seal

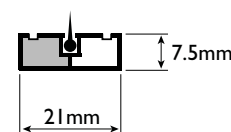
- ULTIMA 60(S) Intumescent Fire and Smoke Seal is a seal which combines gap-filling properties with a high expansion pressure seal, to improve the stability of a door assembly during a fire.
- Using two distinctly different types of intumescent material and an elastomeric smoke blade, Ultima's triple action provides fire and smoke protection for 60 minute door assemblies.
- The intumescent fire and smoke seal consists of an easily fitted aluminium holder, with two reservoirs and a self-extinguishing, elastomeric smoke blade.
- The elastomeric smoke blade acts as an efficient draught seal in normal use and resists the passage of smoke, thus meeting the needs of BS 5588: Parts 1 and 2.

#### Applications

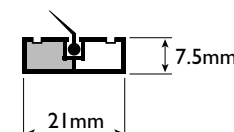
- Ultima Intumescent Fire and Smoke Seal is the perfect solution for refurbishment projects, where the behaviour of the door is an unknown quantity.
- There are two versions of the Ultima sections. Those with angled blade smoke seals, designated for use in single action doors, are designated as Ultima 60. Those with straight blade inserts, for pairs of doors and double action doors, are designated as Ultima 60(S).
- Ultima Intumescent Fire and Smoke Seals are normally rebated into the head and jambs of the door frame, and are aligned with the centre of the door edge.
- We recommend that the groove be routed to give a 'light press fit' for the extrusion.
- Recommended door-to-door gap and door-to-frame gap is 3mm.

#### Colours

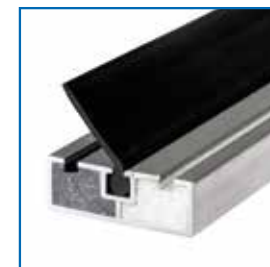
- Milled aluminium.



Ultima 60(S)



Ultima 60



#### Quick Overview:

- High performance fire & smoke seal.
- For single-acting single leaf 60 minutes fire doors.



Fire Door Seals – Upgrading Solutions

FireFace

- FireFace is a thin membrane which is adhered to both sides of thinner or jointed timber door panels to provide up to 30 minutes' fire resistance.
- FireFace can later be removed without damaging the fabric of the timberwork.
- The FireFace membrane contains a thin layer of reinforced intumescent material, developed by Sealmaster for this application.
- During a fire, the intumescent compound swells and chars, insulating the surface of the timber beneath and retarding the effects of heat on the door's integrity.
- Between the intumescent layer and the timberwork, a specialised woven layer ensures that even if the panel fissures under intense heat, the risk of 'flaming' is avoided.

Applications

- FireFace is easily applied without damaging the fabric of the door.
- Can be fixed beneath or between beads and mouldings. A solvent based contact adhesive is available.
- Small gaps and joints are made good with Sealmaster Masterseal - a gun-applied intumescent compound which can be sanded and decorated.
- FireFace can be decorated with emulsion or oil-based paints to match in. FireFace can also be stained or veneered.
- Can be decorated, stained or veneered for a seamless match with surrounding timberwork.

Colours

- Front is Birch Veneer Plywood.
- Back is black.

Product Ref	Widths	Length	Thickness	Colour
FFP Sheet	1220mm	1220mm	1.8mm	Birch Veneer Plywood



Quick Overview

- Thin layer of reinforced high performance fire resistant intumescent material.
- Reduces fire, smoke & water damage.
- Undetectable & fully reversible.



**How To Order**  
Please Quote,  
(Product Ref/Size/  
Quantity)  
(Example: FFP Sheet/  
1.22m/100)

Fire Door Seals

Graphite Strip

- As part of the Fireface solution for upgrading historic doors for fire resistance Sealmaster developed a very thin (1mm) self-adhesive graphite based intumescent strip which is fitted to the frame reveal thus avoiding the need for invasive routing of the door leaf edge or frame.
- This 1mm thick graphite intumescent known as the GRS seal has a full width self adhesive tape applied to one side.
- Being only 1mm thick it can be fitted between the door and frame without hindering the operation of the door in most cases.
- The face fixing means that invasive rebates do not need to be cut into the door leaf or frame which is depreciated on historic doors.
- An extra benefit is that the seal can run over most types of hinges where fitted thus giving extra protection at these vulnerable positions.

Applications

- It is essential that the surface onto which the seal is to be fixed is clean and free from dust. Self adhesive tapes will not adhere well to dirty or rough surfaces.
- The adhesion is best at temperatures between 15°C and 25°C, but the product should not be applied if the temperature is below 10°C or above 35°C.

Sizes

- 22mm & 40mm width as standard.
- Up to 130mm width on request.

Colours

- Graphite Strip is naturally black and does not require further protection but may be overpainted if desired.

Product Ref	Widths	Length	Thickness	Colour
GRS22	22mm	2100mm	1mm	Black
GRS40	40mm	2100mm	1mm	Black



Quick Overview:

- High performance fire resistant intumescent compound.



**How To Order**  
Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: GRS/  
2.1m/Black/  
100)

## Fire Door Seals

### Masterseal

- Masterseal is a fire-resisting seal with intumescent and erosion-resistant properties that is semi-flexible when set with only a small amount of material needed to give considerable periods of fire resistance.
- Masterseal produces a low pressure, erosion-resistant low volume expansion when activated by heat.
- Masterseal has achieved a 60 minute rating in tests by various test houses.

#### Applications

- A general purpose hole and gap filling sealant for use in masonry or plasterboard constructions and for areas around door ironmongery where excess timber has been removed prior to fitting.
- It can also be used for gaps in ceilings and walls up to 25mm. When gaps are filled from both sides, the fire resistance is generally doubled.
- Non-toxic, it can be overpainted and gives an easily tooled smooth finish.

#### Sizes

- Tube only.
- Supplied with nozzle.

#### Colours

- White.

Product Ref	Cartridge	Size	Colour
MAST	310ml	250mm	White



#### Quick Overview

- High performance fire resistant intumescent compound.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: MAST/  
310ml/White/  
10)

## Fire Door Seals – Ironmongery

### Intumescent Plugs

- Intumescent plugs, comprising a short length of metal tubing filled with intumescent material, are used to protect and prevent the passage of flaming or hot gases by smothering the surrounding areas on activation.
- Intumescent plugs prevent vulnerability to the intense heat transferred through the mass of metal that door hinges and latch plates represent, causing charring and ignition.

#### Applications

- The Intumescent plugs are located in holes drilled through hinges, striker plates and pivot mechanisms.
- Two 7mm diameter plain holes are drilled through each plate in addition to the existing screw holes. These holes are offset in order that the plates are not weakened.
- After fitting the hinges, 6mm diameter x 40mm deep holes are drilled, through the plain holes, into the wood and plugs are inserted flush with the hinge plates.

#### Sizes

Supplied in packs of ten and can be used for three applications:

- 4x Intumescent plugs for Hinges.
- 2x Intumescent plugs for latch striker plates.
- 4x Intumescent plugs for pivot mechanisms.

#### Colours

- Milled aluminium.

Product Ref	Diameter	Length	Colour
PLUG10	6mm	38mm	Silver



#### Quick Overview:

- High performance fire resistant Intumescent plug.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: PLUG10/3.8m/  
Milled aluminium/  
100)

## Fire Door Seals - Protect A Door

### Continuous Geared Aluminium Hinges

- Sealmaster continuous geared hinges consist of two full height, paired and geared hinge leaves. Each leaf rotates evenly from top to bottom.
- Riding on multi delrin bearings, which provide for extremely low friction operations.
- The geared leaves are protected by a full length channel cap and include specially formulated intumescent seals which protect the entire length of the hinge and are discretely fitted.

#### Applications

- Sealmaster continuous geared hinges provide a commercially viable alternative to traditional knuckle type hinges.
- The full surface hinge is designed mainly for upgrading existing door sets and applied to the exposed surface of the door and frame.
- The half surface hinge is designed mainly for upgrading existing door sets. One hinge leaf is applied to the exposed surface of the door and the frame leaf is applied to the concealed surface of the frame jamb.
- The full mortice hinge can only be used on new door sets because it requires an 8mm gap at the hanging stile.
- The centre pivot variant of the full surface hinge has a smaller 'foot print' and is suitable for use on a wide range of frame details.

#### Range

Sealmaster continuous geared hinges are available in four versions for upgrading existing door sets as well as for new door sets:

- Full Surface Hinge (type FS).
- Half Surface Hinge (type HS).
- Full Mortice Hinge (type FM).
- Full Surface Centre Pivot (type FSCP).

#### Colours

- Anodised silver aluminium.
- Anodised bronze & gold on request.

Product Ref	Widths	Length	Thickness	Colour
FS	73mm	2100mm	23mm	Silver
HS	52.5mm	2100mm	17.5mm	Silver
FM	49.3mm	2100mm	19.8mm	Silver
FSCP	82mm	2100mm	19.1mm	Silver



#### Quick Overview

- High performance fire resistant hinge.



## Fire Door Seals - Protect A Door

### Trapguard Finger Protector

- Sealmaster Trapguard is a high quality resilient blind that prevents fingers entering the cavity formed between the edge of the door and door frame. The blind is mounted in a robust aluminium housing. Unlike a concertina style blind which is constantly exposed and can suffer damage as a result, this robust housing protects the Trapguard blind when not in use.
- The design has the added benefits of providing privacy down the hinge side of the door and of providing light assistance to closing the door.

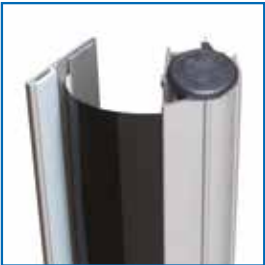
#### Applications

- Sealmaster Trapguard is designed for use with single acting doors, being fixed to both the door face and door frame. As an effective finger protector it is particularly suited to buildings used by the very young.
- Being encased in a robust aluminium housing of the Sealmaster Trapguard is simple to install and designed to give long lasting performance with standard door configurations.
- Leave a minimum gap of 10mm for the top of door & a minimum gap of 20mm for the bottom of the door.

#### Colours

- The aluminium housing is supplied in natural anodised aluminium finish as standard but other finishes can be supplied to order.
- The blind component is supplied in white as standard, but can also be supplied in an alternative finish of black to order.

Product Ref	Widths	Length	Thickness	Colour
TGA1	47mm	2m	25.4mm	Gold & Bronze & Satin anodised aluminium



#### Quick Overview:

- High performance fire rated trapguard finger protector.



## Fire Door Seals - Protect A Door

### Door Edge Protectors

- In many high traffic areas of a building, door sets more than any other structural element are subjected to unacceptable levels of punishing treatment.
- Sealmaster door edge protectors are designed to minimise maintenance costs usually associated with lipping repair when doorsets are subjected to excessive impact and stress.
- The specially designed profiles contain intumescent fire and smoke seals and have been successfully tested to BS476: Part 22 for 30 and 60 minutes fire resistance.

#### Applications

- Sealmaster door edge protectors are available in rounded profiles to help deflect traffic likely to impact against the door edges.
- The alternative flat profile design can accommodate cut outs for locks and other door ironmongery fittings.
- Both profiles are designed to facilitate simple replacement of smoke seal inserts in the event of damage.
- All the product versions are suitable for closing, hanging or meeting stile applications.

#### Range

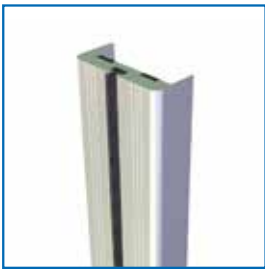
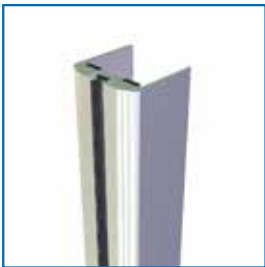
Sealmaster door edge protectors are available in two versions for upgrading door sets:

- Rounded protector profiles (type SRP).
- Flat protector profiles (type SFP).

#### Colours

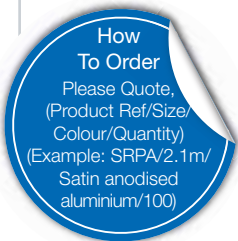
- Satin anodised finish as standard, but can also be supplied to order, in a range of anodised or coloured finishes.

Product Ref	Widths	Length	Door Width	Colour
SRPA44	44mm	2100mm	11mm	Satin anodised aluminium
SRPA55	55mm	2100mm	11mm	Satin anodised aluminium
SFPB44	44mm	2100mm	11mm	Satin anodised aluminium
SFPB55	55mm	2100mm	11mm	Satin anodised aluminium



#### Quick Overview

- High performance fire rated door edge protector.



## Fire Door Seals - Protect A Door

### Door Frame Guards

- Sealmaster door frame guards, available in both rotary and rigid guard versions are designed to counteract wear and tear on door frames and exposed wall corners by deflecting objects and traffic away from the vulnerable areas.
- In many high traffic areas of a building, door sets more than any other structural element are subjected to unacceptable levels of punishing treatment.

#### Applications

- Sealmaster rotary door frame guards have been impact tested to 500kg at 2mph.
- The rigid version design allows variable fitting locations to allow most door frame sections to be accommodated.
- Both versions are simple to fit and virtually maintenance free. Their design helps to avoid the need for repetitive maintenance and replacement of frames and door lippings.

#### Sizes

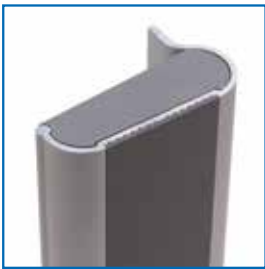
- The rotary frame guard is supplied in 1200mm lengths as standard with either a 25mm or 50mm leg.
- The rigid frame guard is supplied in 2.5m lengths as standard and is design to be cut to size on-site.

#### Colours

- Both frame guards are supplied in Satin anodised aluminium as standard.
- Other anodised finished and RAL colours are available to order.
- Samples are available on request.

Product Ref	Leg	Length	Colour
DFG/B/25/1200	25mm	1200mm	Satin anodised aluminium
DFG/B/50/1200	50mm	1200mm	Satin anodised aluminium

Product Ref	Width	Length	Depth	Colour
DFG/A/FULL	100mm	2500m	45mm	Satin anodised aluminium



#### Quick Overview

- High performance fire rated door frame guard.





## Fire Door & Glazing Seals

### Low Pressure Strip

- Sealmaster low pressure strip was developed as a dry intumescent product as an alternative solution to using wet intumescent compounds and where a low pressure forming intumescent effect may be required, such as ironmongery protection or particular fire door edge seal applications.

#### Applications

- Sealmaster low pressure strip can be supplied in a variety of shapes so that it can be used in a wide range of applications including gaskets for ironmongery protection i.e. locks, latches, bolts, hinges etc.
- It is also useful in applications where the gap to be filled is small and the fire retardant properties are beneficial such as overpanels.

#### Sizes

- Available as 2mm thick as standard.
- Widths up to 125mm.

#### Colours

- White.
- Brown.

Product Ref	Widths	Length	Thickness	Colour
LP	1mm -125mm	2100mm	2mm	White
LPS	1mm -125mm	2100mm	1mm	White



#### Quick Overview:

- High performance fire resistant intumescent compound.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: LP/  
2.1m/White/  
100)

## Fire Glazing Seals – Fire Glaze 30

### FireGlaze Compound / FireGlaze G30 Glazing Strip

- Sealmasters Fire Glaze 30 offers an intumescent solution for both glazed openings in fire doors and glazed fire screens. For 30 minute fire resistance applications these solutions are provided by FireGlaze Compound or FireGlaze G30 glazing strip.
- FireGlaze Compound is a water based acrylic intumescent material designed to provide a glazing seal which may be hidden from view and without treatments to the timber.
- FireGlaze G30 is an ammonium phosphate based intumescent strip developed to provide designers with a dry glazing system option to the FireGlaze Compound wet solution.

#### Applications

- FireGlaze compound has independent fire test and Third Party certification evidence for a wide range of fire resisting glasses, timbers and opening sizes. It is particularly suitable for curved apertures. FireGlaze Compound is installed between the fire resisting glass and the timber beads which are fixed with appropriate steel pins.
- FireGlaze G30 has independent fire test and Third Party certification evidence for a wide range of fire resisting glasses, timbers and opening sizes. Like the FireGlaze Compound, FireGlaze G30 is installed between the fire resisting glass and the timber beads which are fixed with appropriate steel pins.

#### Sizes

- FireGlaze compound is available in 310ml cartridges. (type FGZ)
- FireGlaze G30 is available at 2mm thick and in 2100mm lengths with full width self adhesive tape on one side. (type G30)
- FireGlaze G30 is supplied at 10mm wide for glazed fire door openings and 15mm wide for glazed screen applications.
- Other sizes are available to order.
- Supplied with nozzle.

#### Colours

- FireGlaze Compound is available in grey, white, light oak and brown colours.
- FireGlaze G30 is available in white.

Product Ref	Cartridge	Colour
FGZ	310ml	White, Light oak, Brown, Grey

Product Ref	Width	Length	Thickness	Colour
G30/10	10mm	2100mm	2mm	White
G30/15	15mm	2100mm	2mm	White



#### Quick Overview

- High performance fire resistant glazing system.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: FGZ & G30/  
310ml & 2.1m/  
White/10)

## Fire Glazing Seals – Fire Glaze 60 - WET

### FireGlaze Compound & FireGlaze GL60 Liner

- Sealmaster offer intumescent solutions for both glazed openings in fire doors and glazed fire screens. For 60 minute fire resistance applications these solutions are provided by FireGlaze Compound with FireGlaze GL60 liner.
- FireGlaze Compound is a water based acrylic intumescent material designed to provide a glazing seal which may be hidden from view and without treatments to the timber.
- FireGlaze GL60 liner is an ammonium phosphate based intumescent strip developed specifically for 60 minute fire resistance glazed timber fire door and screen applications and is used in combination with FireGlaze Compound.

#### Applications

- FireGlaze Compound has independent fire test and third party certification evidence for a wide range of fire resisting glasses, timbers and opening sizes. It is particularly suitable for curved apertures. FireGlaze Compound is installed between the fire resisting glass and the timber beads which are fixed with appropriate steel pins.
- FireGlaze GL60 liner, as its name suggests, is used to line glazed openings in fire doors or fire screens to provide an essential intumescent contribution to the 60 minute fire resistance performance of these building elements.

#### Sizes

- FireGlaze compound is available in 310ml cartridges. (type FGZ)
- Available at 2mm thick and in 2100mm lengths, FireGlaze GL60 liner is supplied in 45mm, 54mm or 63mm widths as standard. Other widths are available to order. (type FGL60).
- Supplied with nozzle.

#### Colours

- FireGlaze Compound is available in black, grey, white, light oak and brown colours.
- FireGlaze GL60 is available in white.

Product Ref	Cartridge	Colour		
FGZ	310ml	Black, White, Light oak, Brown, Grey		
Product Ref	Width	Length	Thickness	Colour
FGL60/45	45mm	2100mm	2mm	White
FGL60/54	54mm	2100mm	2mm	White
FGL60/63	63mm	2100mm	2mm	White



#### Quick Overview:

- High performance fire resistant glazing system.



## Fire Glazing Seals – Fire Glaze 60 - DRY

### FireGlaze 2000 & FireGlaze GL60 Liner

- Sealmaster offer intumescent solutions for both glazed openings in fire doors and glazed fire screens. For 60 minute fire resistance applications these solutions are provided by FireGlaze 2000 with FireGlaze GL60 liner.
- FireGlaze 2000 is an ammonium phosphate/ceramic based intumescent strip developed to provide designers with a dry glazing system option to the FireGlaze Compound wet solution.
- FireGlaze GL60 liner is an ammonium phosphate based intumescent strip developed specifically for 60 minute fire resistance glazed timber fire door and screen applications and is used in combination with FireGlaze 2000.

#### Applications

- FireGlaze 2000 has independent fire test and Third Party certification evidence for a wide range of fire resisting glasses, timbers and opening sizes including, uniquely, 60 minute fire resistance performance in softwood glazed screens when used in combination with FireGlaze GL60 liner. Its fire resistance performance is enhanced by installing it in combination with a thin layer of FireGlaze Compound.
- FireGlaze GL60 liner, as its name suggests, is used to line glazed openings in fire doors or fire screens to provide an essential intumescent contribution to the 60 minute fire resistance performance of these building elements.

#### Sizes

- Available at 5mm thick and in 2100mm lengths, FireGlaze 2000 is 25mm width as standard but can be supplied in a range of widths to suit different glass types for both glazed fire door openings and glazed screen applications. (type FG2000)
- Available at 2mm thick and in 2100mm lengths, FireGlaze GL60 liner is supplied in 45mm, 54mm or 63mm widths as standard. Other widths are available to order. (type FGL60)

#### Colours

- FireGlaze 2000 is available in black, grey, white, light oak and brown colours.
- FireGlaze GL60 is available in white.

Product Ref	Width	Length	Depth	Colour
FG2000	25mm	2100mm	5mm	Black, White, Light Oak, Brown, Grey
FGL60/45	45mm	2100mm	2mm	White
FGL60/54	54mm	2100mm	2mm	White
FGL60/63	63mm	2100mm	2mm	White



#### Quick Overview:

- High performance fire resistant glazing system.
- Can be supplied with self-adhesive tape.



## Fire Glazing Seals - Glazing Tapes

### Black Glazing Tape

- Sealmaster Black Glazing Tape is a non-ceramic fibre glazing tape.
- It has been developed to achieve successful fire performance to both BS and EN Standards and it can be used for a very broad range of certified fire resistant glazing applications in doors and screens.
- The black colour of the product allows for a superior professional glazed finish which remains consistent throughout the lifetime of the fire rated glazing system.
- Sealmaster Black Glazing Tape is very simple to use, highly compressible and possesses excellent adhesive properties to glazing materials.
- The tape is made from bio-soluble alkaline earth silicate fibres providing high insulation properties and excellent resistance to thermal erosion.

#### Applications

- A pressure sensitive adhesive liner allows rapid and easy installation into both fire door apertures and fire glazing screens.
- Excellent flexibility and strength it can be cut easily with scissors or a sharp knife allowing an easy application to glazing beads and other precision-dependent applications.
- Highly insulating thermal behaviour allows it to be used across a very broad range of fire resistant glazing types including integrity, semi-insulating and insulation glasses.
- Suitable for use in either timber, steel or aluminium fire rated glazing systems.
- It is lightweight and has excellent chemical stability however it is only suitable for indoor applications.

#### Sizes

- Lengths are supplied in rolls. Other widths/thicknesses available on request.

#### Colours

- Black.

Product Ref	Widths	Length	Thickness	Colour
BGT	10mm	10m	2mm - 4mm	Black
BGT	12mm	10m	2mm - 4mm	Black
BGT	15mm	10m	2mm - 4mm	Black
BGT	20mm	10m	2mm - 4mm	Black



#### Quick Overview

- Non-ceramic fibre glazing tape.
- Excellent insulation properties with very low thermal conductivity.
- Self adhesive.
- BS & EN Standards.



## Fire Glazing Seals - Glazing Tapes

### FireGlaze Tape

- Sealmaster FireGlaze Tape is a universal medium-pressure intumescent glazing strip material especially developed to satisfy the demand for a dry glazing system for both door and screen fire resistant applications.
- It has been specifically developed to achieve reliable fire performance in both BS and EN Standard fire test applications of 30, 60 and 90+ minutes.
- Sealmaster FireGlaze Tape provides excellent high temperature sealing properties combined with the benefit of being a fully flexible strip of intumescent material.
- It has been formulated to deliver a unique thermal behaviour comprising the benefits of a volume expansion beginning at 180°C, medium pressure intumescence and high thermal erosion resistance whilst being a completely dry system.

#### Applications

- Sealmaster FireGlaze Tape is a dry glazing material with a strong adhesive backing to allow rapid and easy installation.
- The material can be easily cut with scissors or a sharp knife and so is very easy to fit to glazing beads and other precision dependent applications.
- It also requires no additional surface protection because it is resistant to atmospheric moisture and carbon dioxide.
- Sealmaster FireGlaze Tape can also be used as a glazing liner for fire door / screen apertures so this one product can fit two applications where required.

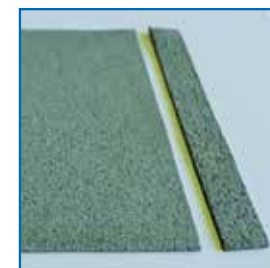
#### Sizes

- Sealmaster FireGlaze Tape can be supplied in standard lengths of 1050mm, 2100mm.
- It is available in a width of choice from 10mm to 130mm and in two standard thicknesses of 2.5mm and 4.0mm.

#### Colours

- Grey as standard.

Product Ref	Widths	Length	Thickness	Colour
FGT	10mm - 130mm	1050mm	2.5mm	Grey
FGT	10mm - 130mm	1050mm	4mm	Grey
FGT	10mm - 130mm	2100mm	2.5mm	Grey
FGT	10mm - 130mm	1050mm	4mm	Grey



#### Quick Overview:

- High performance fire resistant glazing tape.



## Fire Glazing Seals - Glazing Tapes

### Intumescent Foam Glazing Tape

- Sealmaster Intumescent Foam Glazing Tape is a black, low-medium pressure intumescent glazing tape material.
- Reliable fire performance when a cost effective foam glazing tape is required for a fire glazing application.
- It has been developed to achieve successful fire performance to BS and EN Standards for both doors and screens and is aimed particularly at 30 minute and 60 minute applications.
- Sealmaster Intumescent Foam Glazing Tape provides excellent high temperature sealing properties combined with the unique benefit of being a fully flexible and highly compressible foam material.
- The resistance to thermal erosion is exceptional for a foam tape product allowing it to be used with a very broad range of fire glazing systems.

#### Applications

- Sealmaster Intumescent Foam Glazing Tape has a strong adhesive backing to allow rapid and easy installation.
- The material can be cut very easily with scissors or a sharp knife and so is very easy to fit to glazing beads and other precision dependent applications.
- The unique thermal behaviour of this product allows it to be used across a very broad range of fire resistant glazings for integrity, semi-insulating and insulation applications.

#### Sizes

- Sealmaster Intumescent Foam Glazing Tape is supplied in 20 metre length rolls and in standard widths of 10mm, 15mm and 20mm, with others being available on request.
- The thickness is 5mm and it can be easily compressed down to 2mm if required.

#### Colours

- Black.

Product Ref	Widths	Length	Thickness	Colour
GTR	10mm	20m	5mm	Black
GTR	15mm	20m	5mm	Black
GTR	20mm	20m	5mm	Black



#### Quick Overview

- High performance fire resistant glazing tape.



## Intumescent Closed Cell Foam Tape

### Intumescent Closed Cell Foam Tape New

- Sealmaster Intumescent Closed Cell Foam Tape is a new black medium pressure intumescent glazing tape that is available on long length spools to minimize glazing installation wastage.
- It has been specifically developed to ensure reliable fire performance where a cost effective solution is required for a fire glazing application.
- CF 5645 Certifire Approved. See website for full details of the available fire test evidence.

#### Applications

- It has been developed to achieve successful fire performance to BS and EN Standards for both doors and screens and is aimed particularly at 30 minute and 60 minute applications.

#### Sizes

- Intumescent closed cell foam tape is supplied in 100m or 200m rolls and in standard widths of 10mm x 3mm and 15mm x 3mm.

#### Colours

- Black.

Product Ref	Widths	Length	Thickness	Colour
CFT	10mm	100m	3mm	Black
CFT	10mm	200m	3mm	Black
CFT	15mm	100m	3mm	Black
CFT	15mm	200m	3mm	Black



#### Quick Overview

- High performance fire resistant glazing tape.



## Fire Glazing Seals - Georgian Glazing

### GB15 Intumescent Strips

- Sealmaster GB15 intumescent strips give glazed doors or partitions a Georgian appearance - with a fire rating of 30 or 60 minutes.
- When Georgian and other period buildings undergo refurbishment or a formal change of use, the level of fire safety protection must frequently be improved to meet modern fire safety standards. Unfortunately it is not possible to fire rate the small panes of glass fixed into thin glazing bars characteristic of the Georgian style because these are consumed so rapidly during a fire.
- The glazing bars are fixed to each face of larger panes of Pyran S glass in a lattice framework. To prevent the heat radiated by a fire from igniting the beads on the unexposed side, the bars automatically detach in the first few minutes of a fire-forced away from the glass by the GB15 intumescent strips which swell under heat to produce the required pressure.

#### Applications

- GB15 intumescent strips, incorporated into the glazing bars are cut to form a lattice and glued together with PVA adhesive.
- The lattice is attached to each face of a pane of Pyran S fire safety glass with self-adhesive tape, stopping just short of the perimeter frame.

#### Sizes

- GB15 intumescent strips are supplied at 15mm x 2mm in 2.1m lengths with double sided tape on each side.
- Suitable hardwood beads, are 21mm deep and 22mm wide tapering to 14mm.

#### Colours

- GB15 intumescent strips are available in black.

Product Ref	Widths	Length	Thickness	Colour
GB15	15mm	2.1m	2mm	Black



#### Quick Overview:

- High performance fire resistant glazing tape.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: GB15/  
2.1m/Black/  
100)

## Fire Glazing Seals - Butt Jointed Fire Glazing System

### FireGlaze Compound

- The butt-jointed system has a 30 minute fire integrity rating (BS 476: Part 22) using panels in any size up to 3 by 1.6 metres.
- Unlimited runs can be fixed into untreated timber (or steel) perimeter frame.
- Quick and easy to install, the FireGlaze Compound and G30 bead strip are water-based and erosion-resistant.
- The butt-joints are pointed with FireGlaze Compound. These may be covered with an optional trim (max 25mm x 3mm). Sealmaster self-adhesive G30 bead strip (white) is used around the perimeter frame, between the beads and glass.
- Alternatively, FireGlaze Compound (white, grey, light oak or brown) may be used.

#### Applications

- FireGlaze Compound is applied by skeleton gun to form discrete vertical butt joints.
- Easy to follow, illustrated instructions are provided.

#### Sizes

- FireGlaze compound is available in 310ml cartridges. (type FGZ).
- Supplied with nozzle.

#### Colours

- FireGlaze Compound is available in grey, white, light oak and brown colours for a seamless match with glass and perimeter frame.
- The G30 bead strip is available in white.

Product Ref	Cartridge	Colour		
FGZ	310ml	White, Light oak, Brown, Grey, Black		
Product Ref	Width	Length	Thickness	Colour
G30	10mm	2100mm	2mm	White
G30	15mm	2100mm	2mm	White



#### Quick Overview

- High performance butt jointed fire glazing system.



#### How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: FGZ & G30/  
310ml & 2.1m/  
White/10)



Structural

FireFoam

- FireFoam is an intumescent, dry foam joint filler which is quickly and easily fitted, requiring no adhesive or surface preparation prior to use. It is flexible and will accommodate movement, yet is durable and resistant to extreme environmental variations.
- Where large gaps exist between the door frame and wall construction, conventional intumescent seals may not always be appropriate. In such cases Sealmaster FireFoam can be used to maintain the integrity of a fire compartment. It is also suitable for filling in around ducts and other service penetrations.
- On activation the fire resistant foam degrades and the volume is replaced by an expanding mass of intumescent graphite which prevents the passage of smoke, flames and hot gases.
- Independently tested to BS 476: Part 20: 1987 to give up to 4 hours depending on the width of the gap and depth of FireFoam.

Applications

FireFoam has three main areas of application:

- Expansion joints and other linear joints.
- Around ducts or service penetrations.
- Between door frames and structural openings.

Sizes

- Standard lengths of 1000mm, that can be cut to order.
- Widths up to 1m on request.
- Thickness available from 10mm to 100mm.

Colours

- Black.

Product Ref	Widths	Length	Thickness	Colour
FMA	10mm - 100mm	1000mm	10mm	Black
FMB	10mm - 100mm	1000mm	20mm	Black
FMC	10mm - 100mm	1000mm	30mm	Black



Quick Overview:

- High performance fire resistant dry foam joint filler.



**How To Order**  
Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: FMA/  
1m/Black/  
10)

Structural

FireClose

- FireClose protects the integrity of fire compartments where pipes (and cables) pass through walls, floors and ceilings.
- Without a protective collar device, a fire would soften and then consume PVC, uPVC and polypropylene pipes - leaving an opening for air to fuel the fire and for the fire to escape from the compartment.
- During a fire, the pipe softens and the intumescent material expands to completely fill the gap left by the pipe.

Applications

- The collar is hinged so it can be fitted to existing pipes and is locked with a steel clamp.
- It contains several layers of high pressure intumescent compound which are flexible - allowing a comfortable fit over nominal pipe sizes: 55mm, 82mm, 110mm and 160mm.
- FireClose can be cast-in or surface-mounted (brackets are included) in either vertical or horizontal planes.
- It is slim enough to fit into narrow corners which would be too tight for larger closers.

Colours

- Red.

Product Ref	FireClose Fire Rating			
	Nominal Pipe Diameter	Concrete Wall/Floor	Timber Floor	Colour
FC055	55mm	4 Hours	2 Hours	Red
FC082	82mm	4 Hours	2 Hours	Red
FC110	110mm	4 Hours	2 Hours	Red
FC160	160mm	3 Hours	2 Hours	Red



Quick Overview

- High performance fire resistant protective collar device.



**How To Order**  
Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: FC/  
55mm/Red/  
100)

Structural

Cavity Fire Seal

- Timber framed constructions require an uninterrupted, fully ventilated cavity between inner and outer walls to ensure that rot and fungus are avoided and the timbers remain undamaged. However, in multi-storey buildings, standard cavity seals poses a significant fire hazard and can act as a chimney, spreading fire and smoke throughout the structure very quickly.
- Sealmaster Cavity Fire Seal provides fire integrity for periods in excess of 60 minutes.
- The cavity fire seal allows full ventilation and drainage.
- Fully resistant to water, damp, humidity, heat, cold & frost.
- The seal comprises of a length of our flexible graphite based intumescent material, set into a stainless steel carrier system.

Applications

- Sealmaster Cavity Fire Seal is suitable for use in cavities from 20 - 50mm wide, in all timber framed constructions.
- It may be used in a horizontal or vertical plane, i.e. at floor level or around window apertures.
- It is mounted directly to the inner cavity wall or on a splayed, treated softwood batten, if necessary, to provide a clear gap of 10mm between the seal and cavity outer wall.
- The Sealmaster Cavity Fire Seal does not require any intumescent mastic to joint or to bed against, nor does it require any paint or other protective coatings.

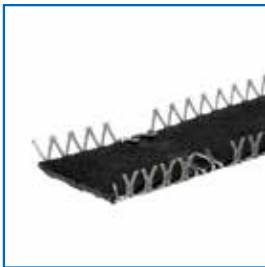
Sizes

- One Size.

Colours

- Stainless Steel.

Product Ref	Widths	Length	Thickness	Colour
CFS	40mm	1250mm	10mm	Black



Quick Overview:

- High performance fire resistant cavity seal.



How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: CFS/  
1.25m/Black/  
100)

Structural

FireWrap

- Sealmaster FireWraps provide a robust and economic fire seal to accommodate fire resistance in concrete and blockwork compartment walls and floors, where openings in these construction elements are formed to accommodate building services.
- In a fire, the intumescent lining within the Fire Wrap expands to form a robust char barrier, which prevents the passage of flames and hot gases through voids created by thermal degradation of the building services and in addition restricts temperature rise on the non-fire side of the wall or floor.

Applications

- Sealmaster FireWraps are made from multiple layers of a flexible 1.8mm thick water-resistant intumescent material contained within a polythene sleeve. The Fire Wraps are fastened around services with an adhesive tab.
- Sealmaster FireWraps are particularly suitable when fittings are located close to the wall or floor and where the fire seal requires installing within the depth of the separating element.

Sizes

- Sealmaster FireWraps are supplied in 15 standard sizes.

Colours

- White.

Product Ref	Fire Wraps Fire Rating		Colour
	Nominal Pipe Diameter	Concrete Wall/ Floor	
FW55	55mm	4 Hours	White
FW82	82mm	4 Hours	White
FW110	110mm	4 Hours	White
FW125	125mm	4 Hours	White
FW160	160mm	4 Hours	White
FW200	200mm	2 Hours	White
FW250	250mm	2 Hours	White
FW270	270mm	2 Hours	White



Quick Overview

- High performance fire resistant wrapping material.



How To Order

Please Quote,  
(Product Ref/Size/  
Colour/Quantity)  
(Example: FW/  
55m/White/  
100)

# Sealmaster

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[www.cambridge-fire.co.uk](http://www.cambridge-fire.co.uk) | [www.camacousticlab.co.uk](http://www.camacousticlab.co.uk)

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