

## **Quality Draught Proofing Systems For Doors and Windows**

### ***WDS Retro Fit 21 & Retro STD Door Seals***

#### **Typical Applications:**

Our system can be used on all wooden doors - at the top of doors, around jambs and perimeters of openings on casement windows / loft hatches or attic entrance doors and much more. Particularly useful where doors may have become warped and require a seal with extra reach.

#### **Performance benefits:**

Seal performance – not affected by painting over.  
Excellent memory – returns to original shape when door or window opens after compression.  
Easily compressed – allows user to close door easily and when locking.  
Reaches out – where other seals do not - to obviate ‘seasonal’ gap size changes.  
Low Friction – will not ‘grab’ onto sealing surface.  
Dust & grime – easily wiped from the surface of the seal without affecting the seal.  
Second Seal – gives a second line of defence against the weather.  
Tough carrier – can bend without cutting into ‘o’ shape for arched doors.  
Stability – does not shrink or stretch over time.  
All White Or Brown – blends into the background and is aesthetically pleasing.

#### **Technical Details:**

A non corrosive elastomeric seal incorporating a low friction ‘non grab’ surface. The seal will remain flexible between -34C to +71C and to have a compression load deflection property at 25% compression not greater than 65kg / sq. Metre. Performance to meet BS DD4 / 70 requirements.

#### **Product Specifications:**

Retro 21 + STD Door Seals are available in 2.1 metre lengths (ex stock) in white or brown. Carrier is rigid uPVC and pre punched at 175mm centres. Fixing is by steel or solid brass pins.

#### **Fitting Details:**

Fit seals with the window or door in closed position. The seal should be in firm contact with the door / window or with all parts of the sill or meeting framework, with approx 20 - 25% compression before each pin is affixed into the seal carrier and punched in sufficiently to create a hold in the door or window frame. If necessary use extra fixings not less than 25mm from end of product or in corners. Seals are to be butt jointed. Check that all gaps are sealed and door or window closes easily and the draughts, wind and dust are gone. Drive pins home.

#### ***Application A. (Level Door Jambs)***

1 Length of (2.1 metre) Retro 21 for closing side of door  
1.5 Lengths (1.05 metre) Retro STD for hinge side and overhead jamb  
Pack of pins – steel unless otherwise specified  
WDS ‘DB1’ brush seal for door bottom

## ***Application B. (Bevelled Door Jambs)***

2.5 Lengths of Retro STD

Pack of pins - steel unless otherwise requested

WDS 'DB1' brush seal for door bottom

### **Door Bottom Brushing Systems:**

Our main requests are for our **WDS / DB1** in 'H' (standard) , 'F' (horizontal carrier) or 'Y' (angled carrier – this one is usually requested for roller door projects) range of brushing on aluminium carriers. Brush piling comes in different lengths 25mm to 65mm to suit most projects.

As you can see there is a huge range but you will no doubt conclude the one you need.

The system comprises of a robust aluminium carrier and a highly efficient polypropylene brush piling in differing lengths.

### ***Brush uses have no limits:***

Draught-proofing of all door types - interior or exterior, standard one way swing, two way swing, double acting doors, base of roller doors, store entrance & exit doors, around perimeter of shutters, around sliding doors, heat-retention applications in energy-saving projects, dust- proofing, rodent proofing of all door types, sound-insulation, domestic situations such as trapdoors into attic spaces (these come in plastic carriers in choice of carrier colours), applications in vehicular – steering and braking areas together with countless other general protection requirements too numerous to mention.

Our range of profiles includes various differing models and colours using different brush fibre lengths for above applications.

The three main forms and colours of the profile are - Mill Finish (uncoated), coated or Bronze Anodised which offers over 100 possibilities when matching brush fibres with varying carriers. On request brushes can be UV protected.

We carry a large stock of both 'H' + 'S' types together with accessories and hardware packs. Items not fabricated would have expected delivery of 2 weeks from date of official order.