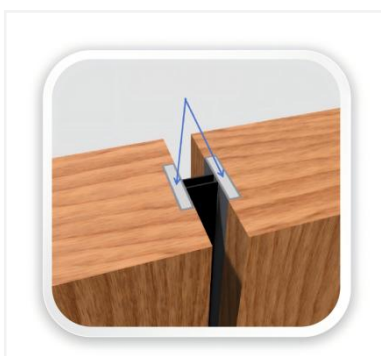
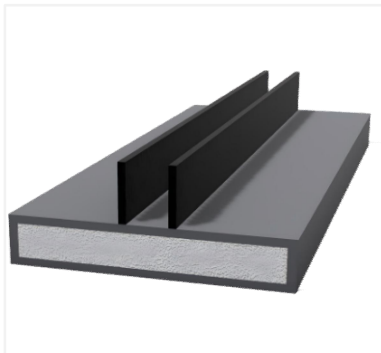


Intumescent Fire Smoke and Acoustic Seals

Introduction

DAKEN specialises in the design, manufacture and supply of high-performance intumescent sealing solutions, including intumescent fire strips, door edge fire seals, fire resisting door seals, for fire doors, partitions, curtain walling and related building elements. Every product is subjected to rigorous quality control and testing to various national and international standards and regulations. We offer a single, proven and reliable source for all aspects of intumescent technology, including fully integrated door systems with matched components. DAKEN products react rapidly under elevated temperatures, expanding to seal gaps and joints to prevent the passage of fire, smoke and hot gases. When combined with tested door components, they form a fully integrated system that maintains the integrity of fire compartments and supports life safety objectives.



Fire Resisting Door Seals

• PVC Extruded Seals(DP100P)



DAKEN DP100P is a high-performance fire seal incorporating silicate-based fire-protection panels in a purpose-designed PVC sleeve- and is primarily intended for installation in fire doors, panelled doors and frame-to-wall gaps. Under fire conditions, Hydrated sodium silicate intumescent to activate at 100–120°C, expanding to over five times its original thickness to form a non-combustible insulating barrier.

Standard sizes available:

DAKEN DP100P (Depths*Widths mm)		
3*10	4*10	6*10
3*15	4*15	6*15
3*20	4*20	6*20
3*25	4*25	6*25
3*30	4*30	6*30
3*40	4*40	6*40

we can manufacture to any size, contact the sales office for further details.

Standard Colours :

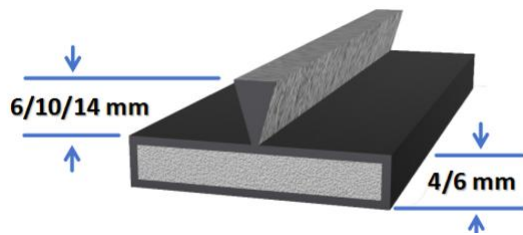


A wide range of non standard colours can be produced. Please contact our Sales.

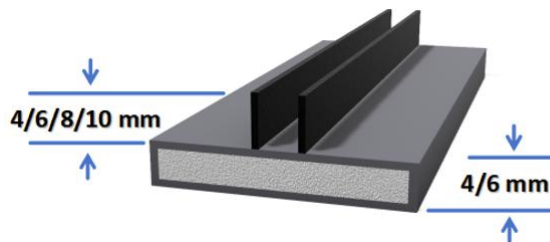
Standard lengths available:

Standard length – 2100mm. Non-standard lengths up to 3m available on request.

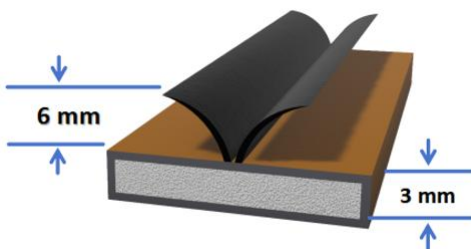
• PVC Extruded Seals(DP100PSS)



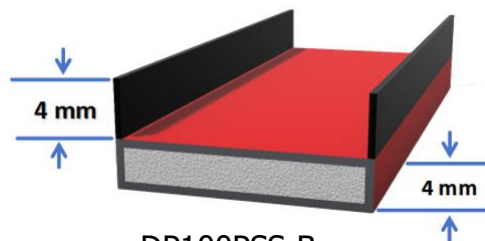
DP100PSS-Brush



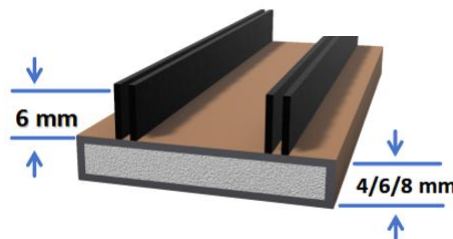
DP100PSS



DP100PSS-A



DP100PSS-B



DP100PSS-C

These intumescent fire and smoke seals provide reliable protection by expanding under heat to seal door gaps during a fire, while selected variants offer continuous cold smoke control through integrated brush or flexible fin seals.

Standard Sizes:

10 x 4mm, 15 x 4mm, 20 x 4mm, 25 x 4mm, 30 x 4mm, 38 x 4mm

we can manufacture to any size, contact the sales office for further details.

Standard Colours :



A wide range of non standard colours can be produced. Please contact our Sales.

Standard lengths available:

Standard length – 2100mm. Non-standard lengths up to 3m available on request.

Fire Resistant Panelled Doors(DBPD-SW)



DAKEN DBPD-SW is a ready-made laminated board specifically designed for fire resistant doors. Made of the silicate-based fire-protection panels and high-density fiberboards. The different combination and sequence of the individual layers create a torsion-resistant, flame retardant panel specially developed for the manufacture of fire doors and for use in fire walls.

Model	lengths (mm)	Widths (mm)	Depths (mm)	weight (kg)	Fire Resistance (min)
DBPD-SW 20	2150	1100	5	15	20
DBPD-SW 30	2150	1100	6.8	22	30
DBPD-SW 45	2150	1100	14.9	42	45
DBPD-SW 60	2150	1100	14.4	42	60
DBPD-SW 90	2150	1100	16	49	90

- Proven fire resistance for 20 and 90 minutes;
- Standard board dimensions – 2150mm x 1100mm x 6.8mm;
- Easily cut to size and processed using standard woodworking machinery;
- Option for double layer using commercially available adhesives;
- Eliminates cost and labor-intensive process steps due to pre-configured fire door core.