

Product data sheet – DS Safehinge

Solid core 🔧 Fire 🔥 Smoke 🚬 Acoustic 🎧 Finger Safe 🛑



PDS006/260225

Product Range:	DS Safehinge 44mm or 54mm
Product Summary:	Our DS Safehinge range of internal architectural grade doors and doorsets are manufactured bespoke to order at our UK based factory and can be used in a wide variety of applications where Finger Protection is required. These have been proven in Education, Healthcare, Leisure and Commercial sectors due to their excellent quality, strength and overall performance.
Wood in Joinery Standard:	To BS EN 942
Configuration:	S/A Single doors, D/A Single Doors, S/A Double doors, D/A Double doors, (Available with an Overpanel, Fanlight or Sidescreen)
Doorset Size:	Bespoke (please speak to the team)
Fire Resistance:	NFR, FD30 (44 or 54mm) and FD60 (54mm) to BS476: Part 22 - Third Party Fire Certified
Smoke Leakage:	To BS476: Part 31.1
Acoustic Performance:	44mm Single Rw:31dB Unglazed or Rw:33dB Glazed, 44mm Double Rw:30dB Unglazed or Rw:32dB Glazed, 54mm Rw:35dB
Strength & Durability:	Severe Duty (Hardwood frame)
Environmental:	FSC® Certified (Softwood frames PEFC Certified)
Frame Type:	Lining with planted stop or Lining with planted stop and extension lining
Frame Material:	Timber
Frame Species:	Softwood (NFR & FD30 only), Steamed Beech (NFR & FD30 only), Tulipwood (NFR & FD30 only), Hardwood Paintgrade, Sapele, Maple, American White Oak, European Oak, American Cherry, American White Ash or American Black Walnut (other species available upon request).
Architrave:	AR2 15x44mm, AR7 18x44mm or AR9 18x69mm (Bespoke sizes available)
Frame Finish:	Primed White, Sealed Clear, Lacquered Clear or Stained
Door Type/Core:	DS Safehinge Solid Core 3-layer Particleboard or Solid Laminated Timber core
Door Facings:	High pressure laminate (Various options), Wood Veneer, Paintgrade Paper or PVC (Various options)
Wood Veneer Species:	Steamed Beech, Sapele, Maple, American White Oak, European Oak, American Cherry, American White Ash, Olive Ash, American Black Walnut, Birch, Baltic Pine, Koto or Hemlock (other species available upon request).
Wood Veneer Cut:	Crown cut or Quarter cut
Door Lippings:	Exposed, Semi-concealed or Concealed

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Perimeter Seals:	To suit performance specification
Vision Panel:	Bespoke sizes (please speak to the team)
Door Glazing:	Clear, Sandblasted or Vistamatic unit
Door Beading:	Hardwood Bolection/Cloak or Flush/Quirk
Door Finish:	Primed White, Colourcote (Full paint finish), UV Lacquered or Stained
Anti-Finger Trap Option:	Integral Safehinge Alumax System
Hardware:	*DS supply machine and fit, Free issue machine only or DS supply machine and fit Alumax System only *DS Ironmongery available for guaranteed compatibility (Recommended)