FORTIS HDA FRICTION STAYS
FOR COMMERCIAL APPLICATIONS.

Heavy-Duty Handed friction stay for enhanced performance in Top & Side Hung for Timber,Upvc and large section Aluminium.

- Carries commercial vents up to 1200mm Wide or 1800mm High and 140kg in weight.
- Stays available in 2.5mm Austenitic Steel or 3.0mm to special order
- 16.5mm Stack height
- East to fit with adjustable friction mechanism.
- Smooth and balanced operation for life – windows open and close with ease.
- Effective weather sealing and draught proofing fully concealed once fitted.
- Manufactured from high-grade Austenitic stainless steel for maximum longevity. Even in the most corrosive environments.
- Austenitic stainless steel cap for added strength.
- Additional linkage for greater strength and rigidity.
- Composite steel /plastic slider for strength, durability and smooth operation.
- Conforms to all leading international window performance standards in the UK (BS6375 Part 2 1987), North America (AAMA 904.1), France (NFP-20-302) and Singapore (SS 212 1998).
- On any windows over 32Kg we recommend that you fit either our Heavy Duty Friction Arms (HD102) , TEL or TELK support arm

RECOMMENDED MAXIMUM WINDOW WEIGHTS & SIZES							
PRODUCT	APPLICATION	SIZE INS	SIZE MM	WINDOW SIZE APPROX WIDTH MM	WINDOW SIZE APPROX HEIGHT MM	WINDOW WEIGHT APPROX KG	OPENING ANGLE
HDA-16-3.0mm	SIDE HUNG	16.9	400	750		45KG	88 DEG
HDA-16-2.5mm	SIDE HUNG	16.9	400	750		42KG	88 DEG
HDA-18-3.0mm	SIDE HUNG	18.3	466	1000		60KG	15 DEG
				800		43KG	88 DEG
HDA-18-2.5mm	SIDE HUNG	18.3	466	800		40KG	88 DEG
HDA-24T90-3.0mm	SIDE HUNG	24	610	1200		40KG	20 DEG
HDA-16-3.0mm	TOP HUNG	16.9	400		1400	90KG	27.5 DEG
HDA-16-2.5mm	TOP HUNG	16.9	400		1100	72KG	27.5 DEG
HDA-18-3.0mm	TOP HUNG	18.3	466		1400	105KG	27.5 DEG
HDA-18-2.5mm	TOP HUNG	18.3	466		1200	87KG	27.5 DEG
HDA-24T90-3.0mm	TOP HUNG	24	610		1800	140KG	20 DEG
HDA-24T90-2.5mm	TOP HUNG	24	610		1800	115KG	20 DEG

IT IS THE RESPONSIBILITY OF THE WINDOW MANUFACTURER TO ENSURE THAT THE FINISHED WINDOW MEET ANY REQUIRED SAFETY AND PERFORMANCE SPECIFICATIONS