

### Horizon Austenitic Friction Stay



#### Features

- High quality Austenitic Stainless Steel for long life performance and enhanced corrosion resistance in accordance with BS EN 10088-2:2014
- Durable and reliable design
- Rigorously tested in accordance with BS EN 13126-6:2008 and BS 6375-1:2009 to ensure maximum carrying weights in maximum size windows meet the criteria for lasting safe performance of the stay
- Pointed arm and nylon end cap provide gasket compression and smooth engagement
- Adjustable positioning
- Friction adjustment cam
- All rivets are solid
- Anthracite grey end cap and nylon components enhances the look of the stay in a window
- 3 stack heights – 13mm, 15mm and 17mm
- Available in Top Hung (8" - 24" heavy duty restricted and non restricted) and Side Hung (12"-16")
- Ferritic steel stays also available
- PAS 024 security performance can be obtained in conjunction with a hingeuard in a compliant window system
- The hingeuard is designed to only engage when the window is under attack and prevents disengagement by supporting the friction hinge
- Window restriction can be achieved using a separate restrictor



Hingeuard Elite



Restrictor Stay

#### Technical Information

##### Corrosion resistance

Meets the requirements of BS EN 1670:2007 Grade 5 (480 hours)

##### Performance

Meets the requirements of BS 6375-1:2009

Tested to 25,000 cycles of opening in accordance with BS EN 13126-1:2006

##### Operation

Meets the requirements of BS 6375-2:2009

Tested to BS EN 13126-6, Variable geometry stay hinges

#### Material Specification

Bars, Arms and Rivets:	Stainless Steel BS EN 10088-2:2005 Austenitic (304)
End Cap:	Anthracite Grey Nylon to RAL 7016
Mouldings:	Glass filled Nylon, Acetal
Friction Cam:	Zinc to BS EN 1774:1998

### Horizon Austenitic Friction Stay

#### Ordering Details

Top Hung		Part No.		
Size		13mm	15mm	17mm
210mm	8"	WFHZA0813T	WFHZA0815T	WFHZA0817T
261mm	10"	WFHZA1013T	WFHZA1015T	WFHZA1017T
311mm	12"	WFHZA1213T	WFHZA1215T	WFHZA1217T
414mm	16"	WFHZA1613T	WFHZA1615T	WFHZA1617T
516mm	20"	WFHZA2013T	WFHZA2015T	WFHZA2017T
616mm	24"HD	WFHZA2413TNR	WFHZA2415TNR	WFHZA2417TNR

Side Hung		Part No.		
Size		13mm	15mm	17mm
311mm	12"	WFHZA1213S	WFHZA1215S	WFHZA1217S
414mm	16"	WFHZA1613S	WFHZA1615S	WFHZA1617S

#### Dimensions

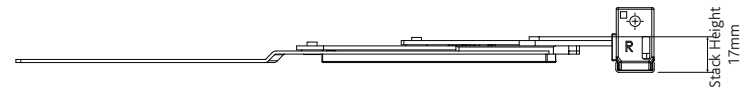
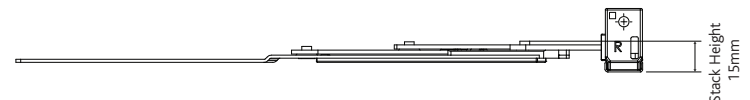
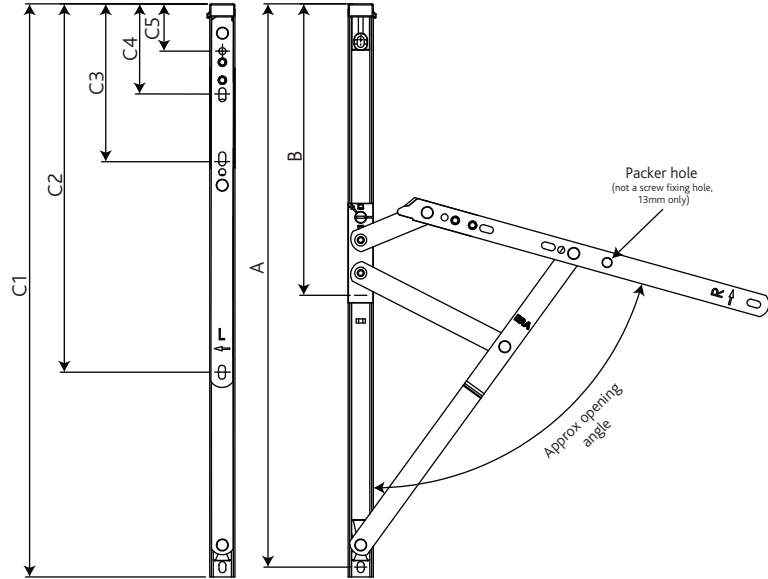
Size (mm)	Nom Inch	Dim A	Dim B	Dim C1	Dim C2	Dim C3	Dim C4	Dim C5
210mm	8"	204	145.4	210.2	158.7	65.2	-	34.2
261mm	10"	255.8	199.4	261.7	191.2	79.8	-	34.2
311mm	12"	305.4	188.9	311.2	233.7	85.2	-	34.2
414mm	16"	407.1	210.7	414.2	266.2	114.1	65.2	34.2
516mm	20"	510	350.5	516	331.4	215.2	73	34.2
616mm	24"HD	609.8	442.3	616	381.2	261.7	72.2	34.2

#### Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
<b>Top Hung</b>					
210mm	8"	56°	-	350mm	14kg
262mm	10"	75°	-	400mm	18kg
311mm	12"	75°	-	550mm	22kg
414mm	16"	75°	-	780mm	23kg
516mm	20"	40°	-	1100mm	28kg
616mm	24"HD	32°	-	1300mm	48kg
<b>Side Hung</b>					
311mm	12"	75°	600mm	-	24kg
414mm	16"	75°	700mm	-	26kg

#### Packaging

Size	Box Quantity	Box Weight (13mm)	Box Weight (15mm)	Box Weight (17mm)
<b>Top Hung</b>				
8"	210mm	30	9.0kg	9.1kg
10"	261mm	30	10.9kg	11.1kg
12"	311mm	30	12.9kg	13.1kg
16"	414mm	25	13.4kg	13.5kg
20"	516mm	20	13.1kg	13.3kg
24"HD	616mm	10	5.9kg	5.9kg
<b>Side Hung</b>				
12"	311mm	30	14.3kg	14.3kg
16"	414mm	25	12.0kg	12.0kg



All dimensions are in mm.  
ERA reserves the right to change specification without notice.  
It is the responsibility of the window manufacturer to ensure that the finished product meets any required safety and performance specification

#### Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (e.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation.