



## H40

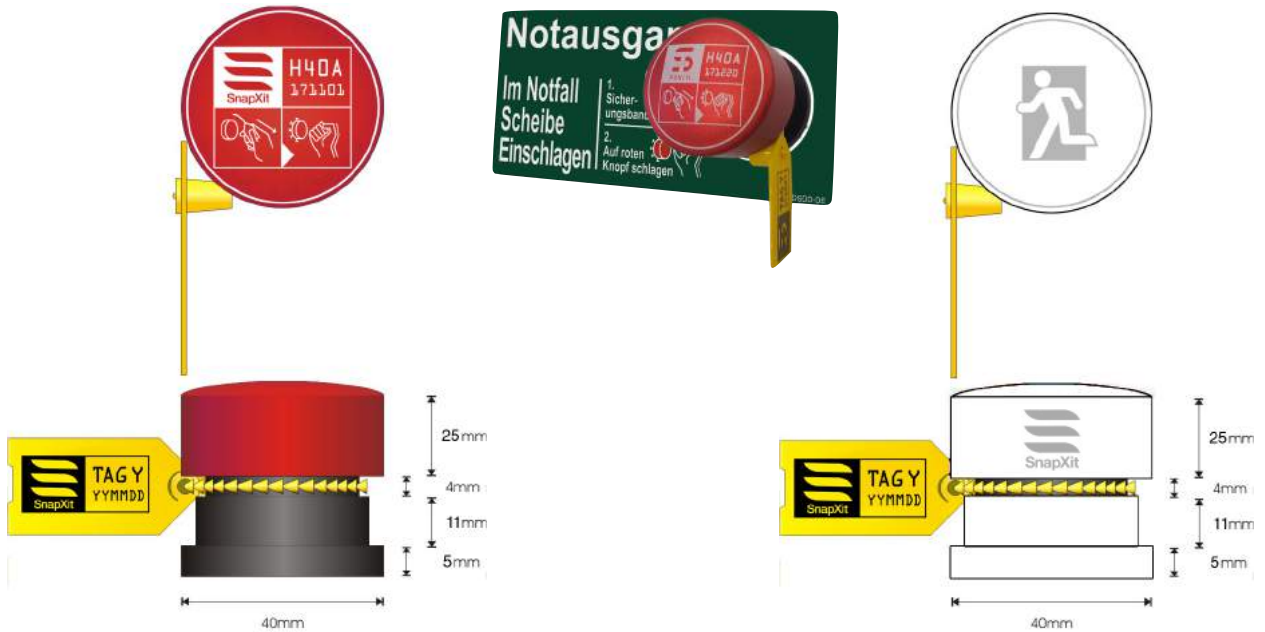
### Appearance and Composition

Part Number:	<b>H40A</b>	Part Number:	<b>H40H</b>
Body:	Red anodised aluminium	Body:	White cataphoretic
Plunger:	Red anodised aluminium	Plunger:	White cataphoretic
Base:	Black anodised aluminium	Base:	White cataphoretic
Spring:	Taper wound stainless steel	Spring:	Taper wound stainless steel
Safety:	Plastic break-away security strip	Safety:	Plastic break-away security strip
Impact Tip:	Tungsten alloy	Impact Tip:	Tungsten alloy
Size:	40mm x 45mm Approx.	Size:	40mm x 45mm Approx.
Weight:	84g Approx.	Weight:	84g Approx.
Tape:	3M VHB 4936 conformable foam tape	Tape:	3M VHB 4936 conformable foam tape

Applications: Heavy Duty Non-Standard applications i.e. Where the glass thickness is unknown, the glass is curved and toughened or for double glass units comprising 4mm toughened glass sheets and a spacer between 6mm and 20mm wide.

### Sectors and Usage

The H40 devices are used most often in Coaches and Buses, in Light Rail and Marine applications. In addition these are also used in Domestic and Commercial buildings and placed in emergency exit locations under the guidance of a building inspector.



### Performance Data

N	4mm BS 857 Toughened Glass			6mm BS 857 Toughened Glass		
	Min strikes (x/10)	Max strikes (x/10)	Average (%)	Min strikes (x/10)	Max strikes (x/10)	Average (%)
80	1 (8/10)	2 (2/10)	1.2(80%)	1 (9/10)	2 (2/10)	1.2 (80%)
90	1 (10/10)	-	1(100%)	1 (10/10)	-	1(100%)
100	1 (10/10)	-	1(100%)	1 (10/10)	-	1(100%)

Results may vary due to the variable toughness or hardness in tempered glass. Please be sure the glass is fit for purpose and verified for use with these devices. H40 devices have been successfully field-tested on toughened cavity glass units of up to 28mm (4mm/20mm/4mm), curved toughened glass, and safety glass up to 12mm thick.

**NB. USE ONLY ON CLEARLY MARKED AND PROPERLY TOUGHENED GLASS**