

**CONSTRUCTION PRODUCTS REGULATION 2011:**  
**DECLARATION OF PERFORMANCE**

EU Nr. 305/2011 (UK)

**DoP Number:** HUK0018/1

**CE certificate of conformity number:** AD0178

- **Unique identification code of the product-type:** ARRONE AR450 Series Overhead Door Closer
- **Intended use or uses:** Fire and smoke compartmentation doors, to fulfill self closing requirements
- **Name of manufacturer:** HOPPE (UK) Ltd, Gailey Park, Standeford, Wolverhampton, WV10 7GW, UK
- **System of assessment product as set out in CPR, Annex V:** System 1
- **Harmonised standard:** EN1154:1996/A1:2002/AC:2006
- **Notified Body / Bodies:** 1121 – Warrington Certification Ltd

**Declared Performance:**

<b>Essential characteristic:</b>	<b>Performance:</b>	<b>Harmonised technical specification:</b>
	Figure 1 (Door Mount Pull Side)	
<b>Self Closing</b>	<ul style="list-style-type: none"> <li>- Closing door angle suitability: <b>180°</b></li> <li>- Door closer power size: <b>EN 3</b></li> <li>- Efficiency: 55% (<b>Size 3</b>)</li> <li>- Closing time: <b>Pass</b></li> <li>- Suitability for fire/smoke door use: <b>Pass, (Grade 1)</b></li> <li>- Safety: <b>Pass, (Grade 1)</b></li> <li>- Temperature dependence -15°C to +40°C: <b>Pass</b></li> <li>- Fluid Leakage: <b>Pass</b></li> <li>- Latch control: <b>Pass</b></li> </ul>	EN 1154 1996/A1: 2002/AC:2006
<b>Durability of Self Closing</b>	<ul style="list-style-type: none"> <li>- Durability 500,000 cycles: <b>Pass</b></li> <li>- Corrosion resistance: <b>Pass (Grade 3)</b></li> </ul>	
<b>Dangerous Substances</b>	<ul style="list-style-type: none"> <li>- The materials in these products do not release any dangerous substances in excess of the maximum levels specified in existing European material standards or regulations</li> </ul>	

Signed for and on behalf of the manufacturer by:



Mr Gerald Ryan  
Director  
HOPPE (UK) Ltd



Mr Martin Schüngel  
Head of Product Management  
HOPPE Group

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