

Construction Products Regulation 2011: Declaration of Performance

DoP Number:	COASTAL0004
Date of Issuance:	10th December 2021
Unique Identifier Product Code:	HQ4, HQ4R & HQ4-SEC
Intended Use or Uses:	For use on doors when fitted in accordance with manufacturer's instructions
Name of Manufacturer:	Coastal Specialist Ironmongery Ltd., Global House, Bojea Industrial Estate, St Austell, PL25 5RJ, UK
System of assessment product as set out in CPR, Annex V:	System 1
Harmonised Standard:	EN1935:2002

Declared Performance

Essential Characteristics	Performance
Static Load	<p>Tested to 120kg over 3 hinges</p> <p>» Passed with a displacement under load:</p> <ul style="list-style-type: none"> • Lateral: Pass • Vertical: Pass <p>» A displacement after unloading:</p> <ul style="list-style-type: none"> • Lateral: Pass • Vertical: Pass
Overload	<p>» Additional overload applied 240kg: Pass</p> <p>» Check for breakage, visible cracking or deformation: Pass</p> <p>» Test element remains connected to frame: Pass</p>
Shear Strength	Pass (not more than 1mm)
Durability	<p>» Passed a 200,000 cycle test with maximum wear:</p> <ul style="list-style-type: none"> • Lateral: 0.2mm • Vertical: 0.8mm <p>» With a maximum frictional torque: After 200,000 cycles, 4Nm</p> <p>» Corrosion Resistance: Pass, Grade 4: (240 hours)</p>
Dangerous Substances	The materials in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

Overall EN 1935:2002 Classification attained:

1	2	3	4	5	6	7	8
Category of use	Durability	Test Door Mass	Use on Fire/ Smoke Doors	Safety	Corrosion Resistance	Security	Hinge Grade
4	7	6	0	1	4	0	13

Signed for and on behalf of the manufacturer by:



Mr Loren Jenner
Managing Director
Coastal Specialist Ironmongery Ltd



Mr Phillip Walklett
Engineering Manager
Coastal Specialist Ironmongery Ltd



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