

Notified body No. 1121

Certificate of constancy of performance

1121-CPR-AC5068

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

BUTT HINGES SEE ANNEX A

Intended use: For use on fire/smoke compartmentation doors, and escape route doors

Essential characteristics	Performance	Harmonised technical specification
	<p>Mechanical test evidence: WIL 378522, WIL 378523, WIL 384020, WIL 384020-1</p> <p>Fire Test Evidence: WF 376552 & WF 376553</p>	
<p>Self-closing Initial friction torque (door mass 120kg) Static load Load deformation</p> <p>Overload</p> <p>Shear strength</p> <p>Hinges for use on fire-resistant and/or smoke-controls doors</p>	<p><4 Nm</p> <p>Passed with a displacement under load: -lateral <4 mm -vertical <2 mm and a residual displacement after unloading. -lateral <0.6 mm -vertical <0.3 mm</p> <p>Passed</p> <p>Passed with a lateral and vertical displacement after unloading < 3 mm</p> <p>Grade 1: suitable for use on fire/smoke resistant door assemblies</p>	EN 1935:2002
<p>Durability</p> <p>Families of hinges with common design features</p> <p>Corrosion resistance</p>	<p>Passed a 200,000 cycles test with a maximum wear: -lateral <0,5 mm -vertical <1 mm and with a maximum frictional torque. -after 20 cycles <3 Nm -after the completion of 200,000 cycles <3 Nm</p> <p>The hinge covered by this CPR is the hinge tested</p> <p>Grade 4: 240 hours</p>	EN 1935:2002
Dangerous substances	<p>Pass: the materials in the hinge do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations (1)</p>	EN 1935:2002

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produced for

**Häfele GmbH & Co.KG
Adolf-Häfele-Str. 1
72202 Nagold
Germany**

and produced in the manufacturing plant

J/044

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 1935: 2002

under system 1 of AVCP are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on **16/10/17** and will remain valid to the date given below as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Valid to: **15/10/2020**



Paul Duggan
Certification Manager

**Exova (UK) Limited trading as Warrington Certification
Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK**



Annex A

926.98.019	926.98.013	926.98.020	926.98.021	926.98.028
926.98.029	926.98.023	926.98.030	926.98.031	926.98.038
926.98.039	926.98.033	926.98.040	926.98.041	926.98.048
926.98.049	926.98.043	926.98.050	926.98.051	926.98.058
926.98.059	926.98.053	926.98.060	926.98.061	926.98.068
926.98.069	926.98.063	926.98.090	926.98.091	926.98.098
926.98.099	926.98.093	926.98.100	926.98.101	926.98.108
926.98.109	926.98.103	926.98.110	926.98.111	926.98.118
926.98.119	926.98.113	926.98.120	926.98.121	926.98.128
926.98.129	926.98.123	926.98.130	926.98.131	926.98.138
926.98.139	926.98.133	926.98.140	926.98.141	926.98.148
926.98.149	926.98.143	926.98.070	926.98.071	926.98.078
926.98.079	926.98.073	926.98.080	926.98.081	926.98.088
926.98.089	926.98.083	926.98.010	926.98.011	926.98.018