



# Declaration of Performance, DoP: Homer-19/0451



1. Product type: Homer Column Shoes

2. Identification:

Kesko Item no	Homer's Nr	Mat/Finishing	Kesko Item no	Homer's Nr	Mat/Finishing
501128772	J-CSE-5040	S235JR/Hot dip galvanized	502109529	J-AL-1650	S235JR/electroplate zinc coated
501128893	J-CSE-10070	S235JR/Hot dip galvanized	502109540	J-AL-2080	S235JR/electroplate zinc coated
501128892	J-CSE-9090	S235JR/Hot dip galvanized	502109541	J-AL-24100	S235JR/electroplate zinc coated
501128877	J-CSE-10090	S235JR/Hot dip galvanized	501128890	J-MASC-5070	S235JR/Hot dip galvanized
501128891	J-CSE-11590	S235JR/Hot dip galvanized	501128874	J-MASC-80120	S235JR/Hot dip galvanized
501128878	J-CSE-12090	S235JR/Hot dip galvanized	501128696	J-MASC-90150	S235JR/Hot dip galvanized
502109542	J-CSE-10090	S235JR/Hot dip galvanized+ powder coating	502109545	J-ADS-250	S235JR/Hot dip galvanized /electroplate zinc coated
502109543	J-CSE-5040	S235JR/Hot dip galvanized+ powder coating	502109547	J-ADS-450	S235JR/Hot dip galvanized /electroplate zinc coated
502109544	J-CSE-9090	S235JR/Hot dip galvanized+ powder coating	502109546	J-ADS-600	S235JR/Hot dip galvanized /electroplate zinc coated
502114791	J-CSE-5040S	SS304			

3. Intended use: For load-bearing of various structures. Refer to ETA 13/0451 Clause 2.1

4. Name and contact address of the manufacturer:

JIANGSU HOMER HARDWARE MANUFACTURING CO.,LTD.

516 KEJI ROAD, THE ECONOMIC DEVELOPMENT ZONE, JIANGYAN DISTRICT, TAIZHOU CITY, JIANGSU, CHINA

5. Authorised representative: N/A

6. System of assessment: 2+

7. Notified body / Test laboratory:

EUROFINS EXPERT SERVICES OY, Kivimiehentie 4, FI-02150 ESPOO, FINLAND, performed under system 2+, NB 0809

8. For the column shoes an European Technical Assessment has been issued:

EUROFINS EXPERT SERVICES OY, Kivimiehentie 4, FI-02150 ESPOO, FINLAND, issued ETA 13/0451 performed under system 2+ and issued in April 2020.

9. Declared performance

Characteristic values are calculated and declared according to ETA13/03451.

Basic requirements for construction works and essential characteristics:

Essential Characteristics	Performance	EAD
Mechanical resistance and stability, Load-carrying capacity	ETA 13/0451 Annex 2	ETAG 015
Characteristic yield strength of $R_{eh}$ S235JR	235N/mm <sup>2</sup>	EN10025-2
Reaction to fire	A1	EN 1350-1
Elongation at failure $A_{30}$	≥ 19 %	ETAG 015
Durability	Hot Dip Galvanized ≥ 55 μ	EN ISO1461:1999
	Yellow zinc plate ≥ 5 μm	ISO2081
	Service Class 1,2 and 3	EN 1995-1-1: 2004

Essential Characteristics	Performance	EAD
Mechanical resistance and stability, Load-carrying capacity	ETA 13/0451 Annex 2	ETAG 015
Characteristic yield strength of $R_{eh}$ SS304	230N/mm <sup>2</sup>	ASTM A240/A240M.
Reaction to fire	A1	EN 13501-1
Elongation at failure $A_{30}$	≥ 45 %	ETAG 015
Durability	Service Class 1,2 and 3	EN 1995-1-1: 2004

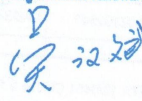
10. Technical Documentation

EC Certificate of FPC: 0809-CPR-1281

The performance of the products identified above is in conformity with the set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

江苏和美五金制造有限公司  
Jiangsu Homer Hardware Manufacturing Co., Ltd

 總經理 Apr. 15, 2020  
General Manager