

Declaration of Performance

According to Article 29 of the Regulation (EU) Nr. 305/2011
(Construction Products Regulation).

Walraven RapidSTRUT® Slide Nut G2 / Hammerfix G2

DoP No. 24/0618 - RapidSTRUT® Slide Nut G2 / Hammerfix G2

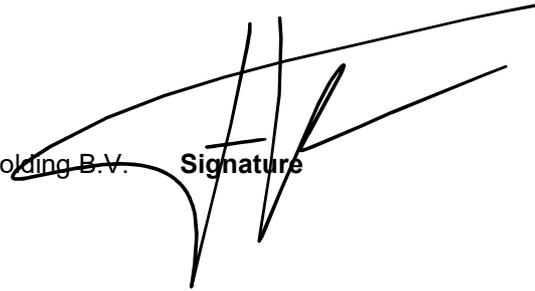
- 1. Unique identification code of the product-type:**
Walraven RapidSTRUT® Slide Nut G2 / Hammerfix G2:
665185108, 665185110, 665185112
652785804, 652785805, 652785806, 652785808, 652785810
652785004, 652785006, 652785008, 652785010
652785204, , 652785206,
- 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**
n/a
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**
Supporting technical building equipment according to EAD 280016-00-0602
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**
J. van Walraven Holding B.V., Industrieweg 5, 3641 RK Mijdrecht, The Netherlands
- 5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): n/a**
n/a
- 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**
System 3
- 7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:**
n/a
- 8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**
ETA Danmark issued ETA 24/0618 on the basis of EAD 280016-00-0602, Materialprüfanstalt Leipzig (MFPA) performed third party tasks under System 3 and issued document GS 6.1/21-015-1.

9. Declared performance:

Essential Characteristic	Declared Performance	Harmonized Technical Specification
Characteristics at ambient temperature	See ETA 24/0618, Annex C1-C2	EAD 280016-00-0602
Resistance and deformation under fire exposure	See ETA 24/0618, Annex C3	
Reaction to fire	A1	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Frank Nijdam
Co-CEO
J. van Walraven Holding B.V.



Signature

Date 09-09-2024

**Table C1: Pull-out resistance of Slidenuts G2 / Hammerfix G2:
Performance characteristics under ambient temperature at any position in the
mounting rail [kN] in combination with threaded rods with strength class ≥ 4.8**

rail	Slidenut	calculated			recommended	
		X_k [kN]	X_d [kN]	γ_m [-]	X_d [kN]	γ_m [-]
21-L, PG	M8	4.12	2.57	1.60	2.57	1.60
	M10					
	M12					
21-M, PG	M8	4.33	2.85	1.52	2.85	1.52
	M10					
	M12					
21-H, PG and BUP	M8	5.18	4.15	1.25	4.15	1.25
	M10					
	M12					
41-L, PG	M8	3.41	2.53	1.35	2.53	1.35
	M10					
	M12					
41-M, PG and BUP	M8	4.20	2.36	1.78	2.36	1.78
	M10					
	M12					
41-H, PG and BUP	M8	6.16	5.62	1.09	4.93	1.25
	M10	7.94	6.28	1.26	6.28	1.26
	M12	8.93	7.63	1.17	7.14	1.25
62-H, PG and BUP	M8	5.59	4.70	1.19	4.47	1.25
	M10					
	M12					
82-H, PG and BUP	M8	5.62	5.09	1.11	4.50	1.25
	M10					
	M12					
DS-5, BUP	M8	5.45	4.93	1.11	4.36	1.25
	M10					
	M12					

**Pull-out resistance of Slidenuts G2/Hammerfix G2 of System
Walraven RapidStrut®**

Performance characteristics under ambient temperature

Annex C1

Table C2: Pull-out resistance of Slidenuts G2 / Hammerfix G[®]:
Performance characteristics under ambient temperature at any position in the mounting rail [kN] in combination with threaded rods with strength class ≥ 6.8

rail	Slidenut	calculated			recommended	
		X_k [kN]	X_d [kN]	γ_m [-]	X_d [kN]	γ_m [-]
21-L, PG	M8 M10 M12	5.25	3.28	1.60	3.28	1.60
21-M, PG	M8 M10 M12	5.51	3.63	1.52	3.63	1.52
21-H, PG and BUP	M8 M10 M12	6.60	5.29	1.25	5.29	1.25
41-L, PG	M8 M10 M12	4.35	3.23	1.35	3.23	1.35
41-M, PG and BUP	M8 M10 M12	5.35	3.00	1.78	3.00	1.78
41-H, PG and BUP	M8 M10 M12	7.84 9.21 10.01	7.17 7.29 8.55	1.09 1.26 1.17	6.27 7.29 8.01	1.25 1.26 1.25
62-H, PG and BUP	M8 M10 M12	7.12	6.00	1.19	5.70	1.25
82-H, PG and BUP	M8 M10 M12	7.17	6.49	1.11	5.74	1.25
DS-5, BUP	M8 M10 M12	6.95	6.28	1.11	5.56	1.25

Pull-out resistance of Slidenuts G2/Hammerfix G2 of System Walraven RapidStrut[®]

Performance characteristics under ambient temperature

Annex C2

**Table C3: Pull-out resistance of Slidenuts G2 / Hammerfix G2:
Performance characteristics in case of fire [kN]**

rail	U-Washer	fire duration			
		30min	60min	90min	120min
small deformations, $0^\circ \leq \alpha \leq 45^\circ$					
41-H, PG	M8	-	-	-	-
	M10	0.71	0.50	0.42	0.39
	M12				
large deformations					
41-H, PG	M8	-	-	-	-
	M10	0.74	0.46	0.37	0.33
	M12				

**Pull-out resistance of Slidenuts G2/Hammerfix G2 of System
Walraven RapidStrut®**

Performance characteristics in case of fire

Annex C3