

# Declaration of Performance

According to Annex III of the Regulation (EU) Nr.305/2011  
(Construction Products Regulation).

## Walraven pipe clamps BISMAT® Flash

DoP No. 22/0563-Flash

**1. Unique identification code of the product-type:**

Walraven pipe clamps BISMAT® Flash, Item numbers:

3373018, 3373023, 3373028, 3373035, 3373043, 3373051, 3373056, 3373063, 3374018,  
3374023, 3374028, 3374035, 3374043, 3374051, 3374056, 3374063

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

Date code is printed on the packaging

**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:**

Technical and Test Institute for Construction Prague (TZUS) issued ETA 22/0563 on the basis of EAD 280016-00-0602, performed third party tasks under System 3 and issued document ER ETA 22/0563.

**9. Declared performance:**

<b>Essential Characteristic</b>	<b>Performance</b>	<b>Harmonized Technical Specification</b>
Characteristic and design resistance	See ETA 22/0563, Annex B1	
Serviceability Limit State	See ETA 22/0563, Annex B2	EAD 280016-00-0602
Resistance and deformation under fire exposure	NPD	
Reaction to fire: steel parts	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 28-07-2023**

## Annex B1

Characteristic and design resistance of Walraven pipe clamps BISMAT® Flash

The characteristic resistance of pipe clamp was tested in accordance with Cl. 2.2.3.3 of the EAD 280016-00-0602. The largest and the smallest dimension from each subgroups (cross sectional geometry of the pipe steel band, material specifications, closing mechanism, joint between the threaded boss and pipe clamp band, threaded boss, material and cross-section geometry of the rubber inlay) was tested.

Part No.	Designation	Min. characteristic resistance $F_{Rk}$ [N]	Min. design resistance $F_{Rd}$ [N]
3373018	BISMAT® Flash M8	1500	1000
3373023	BISMAT® Flash M8		
3373028	BISMAT® Flash M8		
3373035	BISMAT® Flash M8		
3373043	BISMAT® Flash M8	2500	1900
3373051	BISMAT® Flash M8		
3373056	BISMAT® Flash M8		
3373063	BISMAT® Flash M8		
3374018	BISMAT® Flash M8/M10	1500	1000
3374023	BISMAT® Flash M8/M10		
3374028	BISMAT® Flash M8/M10		
3374035	BISMAT® Flash M8/M10		
3374043	BISMAT® Flash M8/M10	2500	1900
3374051	BISMAT® Flash M8/M10		
3374056	BISMAT® Flash M8/M10		
3374063	BISMAT® Flash M8/M10		

Table B1.1: Characteristic and design resistance of Walraven pipe clamp BISMAT® Flash

## Annex B2

Resistance under serviceability limit state of Walraven pipe clamp BISMAT® Flash

The Resistance under serviceability limit state of pipe clamp was tested in accordance with Cl. 2.2.3.4 of the EAD 280016-00-0602. The largest and the smallest dimension from each subgroups (cross sectional geometry of the pipe steel band, material specifications, closing mechanism, joint between the threaded boss and pipe clamp band, threaded boss, material and cross-section geometry of the rubber inlay) was tested.

Part No.	Designation	Min. average serviceability limit state $F_{SLS}$ [N]	Displacement criteria [mm]
3373018	BISMAT® Flash M8	400	1,5
3373023	BISMAT® Flash M8		
3373028	BISMAT® Flash M8		
3373035	BISMAT® Flash M8		
3373043	BISMAT® Flash M8	600	1,5
3373051	BISMAT® Flash M8		
3373056	BISMAT® Flash M8		
3373063	BISMAT® Flash M8		
3374018	BISMAT® Flash M8/M10	400	1,5
3374023	BISMAT® Flash M8/M10		
3374028	BISMAT® Flash M8/M10		
3374035	BISMAT® Flash M8/M10		
3374043	BISMAT® Flash M8/M10	600	1,5
3374051	BISMAT® Flash M8/M10		
3374056	BISMAT® Flash M8/M10		
3374063	BISMAT® Flash M8/M10		

Table B2.1: The serviceability limit state and displacement criteria for serviceability limit state of Walraven pipe clamp BISMAT® Flash