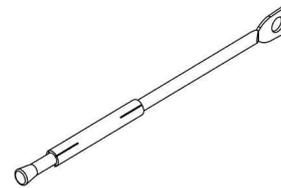


DECLARATION OF PERFORMANCE

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

Nr. Joma – DoP – 011-13/EN

- 1.Product type: **Joma wall-tie Nr. 20 (DPE) is an asymmetrical tie-rod for fixation to concrete structures, made of 4,0mm stainless steel wire**
- 2.Type identification of the construction product: **Type and article number displayed on the packaging**
- 3.Intended use of the product: **Designed for use together with Joma Nr. 1 or Nr. 3 as a movement tolerant cavity wall tie to allow large in-plane differential movements of the walls generating large shear stresses.**
- 4.Manufacturer: **Joma AB, Målskog, SE -33591 Gnosjö, Sweden**
- 6.System of assessment and verification of performance: **System 3**
- 7.Harmonised standard: **EN-845-1:2013**
Notified body No. 1235, Teknologisk Institut, DK-8000, Århus has performed initial type testing (ITT) of the product according to the standard.
- 9.Declared performance: **Dimensions mm**
- | Length mm | Length mm |
|-----------|-----------|
| 90 | 230 |
| 120 | 240 |
| 140 | 250 |
| 160 | 260 |
| 190 | 270 |
| 200 | 280 |
| 210 | 290 |
| 220 | |



Essential characteristics	Performance data	Harmonized technical specification
Tensile load capacity	Min. 4,0 kN (Concrete 25 MPa)	EN-845-1
Compression load capacity	Design according to EC 3 and EC 6	
Water crossing	Resistant	EN-845-1
Material coating	Austenitic stainless steel, ref 1 or 3	EN-845-1, annex A, Table A1
Corrosion class	Class MX 4	Eurocode 6
Minimum embedment length	40 mm (concrete)	EN-845-1

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:

Gnosjö July 1, 2013



Yngve Josefsson
Technical and Quality Manager