

We hereby declare that the standard masonry support system

AnconOptima

conforms to the provisions of Annex ZA, BS EN 1090-1:2009+A1:2011

System 2+

Initial inspection and continuous surveillance, assessment and approval of the Factory Production Controls (FPC) is conducted by,

Approved Body: BSI Assurance UK Ltd. Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP

Approved Body Number: 0086

FPC Certificate Number: 0086 – CPR – 744449

Essential Characteristics

Load Bearing Capacity: As shown below

AnconOptima 10

Fixing	Min. Top Edge (mm)	Min. Slab (mm)	Maximum unfactored load (kN/m) for various cavity widths (mm)																			
			60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	
30/20 Channel	75	215	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.7	8.5
FAZII 12/30	75	215	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
FBNII 12/50	75	215	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
M12 Setscrew	-	-	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
M12 Steelgrip	-	-	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

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30/20 Channel	75	215	10.1	12.0	11.8	11.6	11.3	11.1	10.9	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.7	8.5	
FAZII 12/30	75	215	10.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
FBNII 12/50	75	215	10.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
M12 Setscrew	-	-	10.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
M12 Steelgrip	-	-	10.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.7

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30/20 Channel	75	215	12.8	14.0	14.0	14.0	14.0	13.9	13.6	13.3	13.0	12.8	12.5	12.2	12.0	11.8	11.5	11.3	11.1	10.8	10.6	
FAZII 12/30	75	215	12.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
FBNII 12/50	75	245	12.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
M12 Setscrew	-	-	12.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
M12 Steelgrip	-	-	12.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

Notes: Tables for straight runs only and based on C30/37 concrete, uncracked. For guidance on corner arrangements please contact Ancon.

Design: According to EN 1993 (EC3)
 Manufacturing: According to EN 1090-2: Execution Class 3 (EXC3)
 Resistance to Fire: NPD
 Fatigue Strength: NPD
 Tolerances on Dimensions: According to EN 1090-2
 Weldability: Stainless Steel 1.4301/1.4307, according to EN 10088-2
 Fracture Toughness: Minimum 60J at 20DegC
 Reaction to Fire: Classified: Class A1
 Release of Cadmium: NPD
 Emission of Radioactivity: NPD
 Durability: Uncoated: NPD

AnconOptima should be stored and installed to Ancon's instructions.

Authorised by:

Peter McDermott, Managing Director Europe West & APAC, on 24th May 2021 in Sheffield, UK.

Manufactured by Leviat

Leviat

A CRH COMPANY

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