

DECLARATION OF PERFORMANCE

We hereby declare that our standard masonry support system,
Ancon Optima
 conforms to the provisions of Annex ZA, BS EN 1090-1:2009+A1:2011.
 System 2+



Declaration Number:	L0500-03-CA
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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

Structural Characteristics	
Load Bearing:	As shown below

AnconOptima 10

Fixing	Min. Top Edge	Min. Slab	Maximum unfactored load (kN/m) for various cavity widths (mm)																			
	(mm)	(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 Plus 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
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 Plus 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	11.7	11.4	11.2	11.0	10.7	10.5	10.3
FAZII Plus 12/30	105	245	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
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
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	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 Plus 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	13.7	13.4	13.1	12.9	12.6
FAZII Plus 12/30	105	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
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
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

Notes: Tables for straight runs only and based on C30/37 concrete, cracked. For guidance on corner arrangements, please contact us. Minimum slab thickness assumes the support angle is level with the bottom of the slab.

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Design:	According to EN 1993 (EC3)
Manufacturing:	According to EN 1090-2: Execution Class 2 (EXC2)
Resistance to Fire:	NPD
Fatigue Strength:	NPD
Material Characteristics	
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 to Cadmium:	NPD
Emission of Radioactivity:	NPD
Durability:	Uncoated: NPD
Conditions	
Products/Systems should be stored and installed to the layout drawings and/or other instructions issued by Leviat	

Signed for and on behalf of the manufacturer by



 Rune Magnusson
 Managing Director Europe West & APAC
 29th September 2023

Manufactured by;

Leviat Limited
 President Way
 President Park
 Sheffield, S4 7UR
 United Kingdom