irma inštitut za
raziskavo materialov
in aplikacije d.o.o.

SLOVENSKA AKREDITACIJA
SIST EN ISO/IEC 17065
CP-004

Notified body No. 1374

CERTIFICATE
OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL
1374-CPR-116-L (issue 10)

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

PRECAST CONCRETE PRODUCTS:
HOLLOW CORE SLABS,
RIBBED FLOOR ELEMENTS,
LINEAR STRUCTURAL ELEMENTS,
FLOOR PLATES FOR FLOOR SYSTEMS,
FOUNDATION ELEMENTS and
WALL ELEMENTS

the following types, which are listed in the table in annex on pages 2, 3 and 4, and placed on the market of

Širbegović inženjering d.o.o.
Branilaca grada bb, BA-75320 Gračanica

and produced in the manufacturing plant

Branilaca grada bb, BA-75320 Gračanica

This certificate confirms that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 1168:2005+A3:2011, EN 13224:2011, EN 13225:2013,
EN 13747:2005+A2:2010, EN 14991:2007 and **EN 14992:2007+A1:2012**

under system 2+ are applied, and that

the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 20.04.2015 and will remain valid as long as neither the harmonised standards, the construction products, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

Trzin, 31.07.2024

Head of certification service CO IRMA:
Dr. Jakob Šušteršič, univ.dipl.inž.grad

Inštitut za raziskavo materialov in aplikacije IRMA d.o.o. 1

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Annex to certificate of conformity of the factory production control No. 1374-CPR-116-L (issue 10)

No.	Product type description	Product type mark
EN 1168:2005+A3:2011 ***Precast concrete products – Hollow core slabs (method 3b)***		
1.0 Hollow core slabs *(C55/67)**		
1	hollow core slab PPS 200	PPS 200
2	hollow core slab PPS 265	PPS 265
3	hollow core slab PPS 300	PPS 300
4	hollow core slab PPS 350	PPS 350
5	hollow core slab PPS 400	PPS 400
6	hollow core slab PPS 450	PPS 450
7	hollow core slab PPS 500	PPS 500
EN 13225:2013 ***Precast concrete products – Linear structural elements*** (method 3b)		
2.0 Foundation connection beams *(C30/37)**		
1	foundation connection beam 60, L_{max} 8 m	VG 60
2	foundation connection beam 80, L_{max} 10 m	VG 80
3	foundation connection beam 90, L_{max} 10 m	VG 90
4	foundation connection beam 95, L_{max} 10 m	VG 95
5	foundation connection beam 100, L_{max} 12 m	VG 100
6	foundation connection beam 115, L_{max} 12 m	VG 115
7	foundation connection beam 120, L_{max} 14 m	VG 120
8	foundation connection beam 135, L_{max} 14 m	VG 135
9	beam for unloading ramp 20/70, L_{max} 13 m	PR 70
3.0 Columns *(C50/60)**		
1	facade column 30/50, L_{max} 10 m	S 30/50
2	**column 35/35, L_{max} 8 m**	**S 35/35**
3	column 35/40, L_{max} 8 m	S 35/40
4	column 35/50, L_{max} 8 m	S 35/50
5	column 38/38, L_{max} 6 m	S 38/38
6	column 40/40, L_{max} 6 m	S 40/40
7	column 40/50, L_{max} 12 m	S 40/50
8	column 50/50, L_{max} 10 m	S 50/50
9	column 50/60, L_{max} 10 m	S 50/60
10	column 55/55, L_{max} 10 m	S 55/55
11	column 60/60, L_{max} 13 m	S 60/60
12	column 60/70, L_{max} 12 m	S 60/70
13	column 60/100, L_{max} 16 m	S 60/100
14	column 70/70, L_{max} 16 m	S 70/70
15	column 70/80, L_{max} 14 m	S 70/80
16	column 80/80, L_{max} 24 m	S 80/80
17	column 80/100, L_{max} 18 m	S 80/100
18	column 85/85, L_{max} 22 m	S 85/85
19	column 90/90, L_{max} 24 m	S 90/90
20	column 100/100, L_{max} 20 m	S 100/100

4.0 Floor beams *(C50/60)**		
1	TK beam 50, L_{max} 10 m	TK-50
2	TK beam 70, L_{max} 12 m	TK-70
3	TK beam 100, L_{max} 14 m	TK-100
4	TL beam 50, L_{max} 10 m	TL-50
5	TL beam 70, L_{max} 14 m	TL-70
6	inverted T beam 50, L_{max} 12 m	OT
7	inverted L beam 50, L_{max} 12 m	OL
8	full beam, L_{max} 14 m	PG-1
9	full beam with console, L_{max} 14 m	PG-2
5.0 T - beams *(C50/60)**		
1	T beam 60, L_{max} 8 m	T-60
2	T beam 80, L_{max} 20 m	T-80
3	T beam 90, L_{max} 20 m	T-90
4	T beam 100, L_{max} 22 m	T-100
5	T beam 120, L_{max} 17 m	T-120
6	T beam 140, L_{max} 24 m	T-140
7	T beam 106-130, L_{max} 24 m	T-130
6.0 I - beams *(C50/60)**		
1	I beam 100, L_{max} 20 m	I-100
2	I beam 130, L_{max} 18 m	I-130
3	I beam 150, L_{max} 20 m	I-150
4	I beam 160, L_{max} 30 m	I-160
5	I beam 180, L_{max} 24 m	I-180
6	I beam 210, L_{max} 21 m	I-210
7.0 A - beams *(C50/60)**		
1	A beam A-12, L_{max} 12 m	A-12
2	A beam A-14, L_{max} 14 m	A-14
3	A beam A-16, L_{max} 16 m	A-16
4	A beam A-18, L_{max} 18 m	A-18
5	A beam A-20, L_{max} 20 m	A-20
6	A beam A-22, L_{max} 22 m	A-22
7	A beam A-24, L_{max} 24 m	A-24
8	A beam A-26, L_{max} 26 m	A-26
9	A beam A-32, L_{max} 32 m	A-32
8.0 Secondary roof structure *(C50/60)**		
1	secondary roof beam T-60, L_{max} 12 m	T-60
2	secondary roof beam R-45, L_{max} 10 m	R-45
3	secondary roof beam R-50, L_{max} 13 m	R-50
4	secondary roof beam R-55, L_{max} 13 m	R-55
5	secondary roof beam R-63, L_{max} 12 m	R-63
6	secondary roof beam R-75, L_{max} 13 m	R-75
7	secondary roof beam R-80, L_{max} 15 m	R-80
8	secondary roof beam R-90, L_{max} 18 m	R-90
9	secondary roof beam R-100, L_{max} 16 m	R-100
10	secondary roof beam R-120, L_{max} 21 m	R-120
11	secondary roof beam R-120, L_{max} 24 m	T-120

9.0 Beams with troughs *(C50/60)**		
1	beam with troughs, L_{max} 6,25 m	OK-50
2	roof beam with troughs T-80, L_{max} 12 m	OG T-80
3	roof beam with troughs T-100, L_{max} 14 m	OG T-100
EN 13224:2011 ***Precast concrete products – Ribbed floor elements*** (method 3b)		
10.0 Rebraste etažne plošče *(C50/60)**		
1	rebrasta etažna plošča	-
EN 13747:2005+A2:2010 ***Precast concrete products – Floor plates for floor systems*** (method 3b)		
11.0 Floor plates for floor systems *(C30/37 or C50/60)**		
1	Omnia plate, d = 60 mm, L_{max} 8 m	-
2	Omnia plate, d = 70 mm, L_{max} 8 m	-
EN 14991:2007 ***Precast concrete products – Foundation elements*** (method 3b)		
12.0 Foundation elements *(C30/37)**		
1	foundation footing	T
2	foundation socket for 50/60, 138×138	TČ 60
3	foundation socket for 70/80, 150×150	TČ 80
4	foundation socket 110×110	TČ 110
5	foundation socket 120×120	TČ 120
6	foundation socket 130×130	TČ 130
7	foundation socket 140×140	TČ 140
8	double foundation socket	DT
9	foundation without footing (*EN 14991:2007, Fig. B.2*)	MT
10	foundation footing with socket (*EN 14991:2007, Fig. B.3 a, b, c, d*)	-
11	column with foundation footing (*EN 14991:2007, Fig. B.5*)	-
EN 14992:2007+A1:2012 ***Precast concrete products – Wall elements*** (method 3b)		
13.0 Wall elements *(C30/37 or C50/60)**		
1	facade with thermal bridge, L_{max} 15 m	F1
2	facade without thermal bridge, L_{max} 12 m	F2
3	reinforced concrete parapet wall, L_{max} 12 m	F3
4	reinforced bearing wall, L_{max} 12 m	F4

* Compressive strength class of concrete

Trzin, 31.07.2024

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