

ANNEX TO THE CERTIFIKATE OF COMFORMITY OF FACTORY PRODUCTION CONTROL No. 1374-CPR-116-L (issue 9)

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

Production place Branilaca grada bb, BA-75320 Gračanica

Construction product Precast concrete products:
- Votle plošče
- Ribbet floor elements
- Linear structural elements,
- Etažne plošče za etažne sisteme
- Foundation elements
- Wall elements

According to standard EN 1168:2005+A3:2011, EN 13224:2011, EN 13225:2013,
EN 13747:2005+A2:2010, EN 14991:2007 in
EN 14992:2007+A1:2012

No.	Type of construction product	Validity of certificate for listed product type
EN 1168:2005+A3:2011 Precast concrete products – Hollow core slabs (method 3b)		
1.0 Hollow core slabs		
1	Hollow core slab PPS 200	valid
2	Hollow core slab PPS 265	valid
3	Hollow core slab PPS 300	valid
4	Hollow core slab PPS 350	valid
5	Hollow core slab PPS 400	valid
6	Hollow core slab PPS 450	valid
7	Hollow core slab PPS 500	valid
EN 13225:2013 Precast concrete products – Linear structural elements (method 3b)		
2.0 Foundation connection beams		
1	foundation connection beam 60 / Lmax 8 m (VG 60)	valid
2	foundation connection beam 80 / Lmax 10 m (VG 80)	valid
3	foundation connection beam 100 / Lmax 12 m (VG 100)	valid
4	foundation connection beam 120 / Lmax 14 m (VG 120)	valid
5	beam for unloading ramp 20/70 / Lmax 13 m (PR 70)	valid
3.0 Columns		
1	column 38/38 - Lmax 6 m (S 38/38)	valid
2	column 40/40 - Lmax 6 m (S 40/40)	valid
3	column 50/50 - Lmax 10 m (S 50/50)	valid
4	column 50/60 - Lmax 10 m (S 50/60)	valid
5	column 60/60 - Lmax 13 m (S 60/60)	valid
6	column 60/70 - Lmax 12 m (S 60/70)	valid
7	column 70/70 - Lmax 16 m (S 70/70)	valid
8	column 70/80 - Lmax 14 m (S 70/80)	valid
9	column 80/80 - Lmax 24 m (S 80/80)	valid
10	column 100/100 - Lmax 20 m (S 100/100)	valid
11	facade column 30/50 - Lmax 10 m (S 30/50)	valid

4.0 Floor beams		
1	TK beam 50 / Lmax 10 m - TK-50	valid
2	TK beam 70 / Lmax 12 m - TK 70	valid
3	TL beam 50 / Lmax 10 m - L-50	valid
4	TL beam 70 / Lmax 14 m -TL-70	valid
5	inverted T beam / Lmax 12 m - OT	valid
6	inverted L beam / Lmax 12 m - OL	valid
7	full beam / Lmax 14 m - PG-1	valid
8	full beam with console / Lmax 14 m - PG-2	valid
5.0 T - beams		
1	T beam 60 - Lmax 8 m (T-60)	valid
2	T beam 80 - Lmax 20 m (T-80)	valid
3	T beam 90 - Lmax 20 m (T-90)	valid
4	T beam 100 - Lmax 22 m (T-100)	valid
5	T beam 120 - Lmax 17 m (T-120)	valid
6	T beam 140 - Lmax 24 m (T-140)	valid
7	T beam 106-130 - Lmax 24 m (T-130)	valid
6.0 I - beams		
1	I beam 100 - Lmax 20 m (I-100)	valid
2	I beam 130 - Lmax 18 m (I-130)	valid
3	I beam 150 - Lmax 20 m (I-150)	valid
4	I beam 160 - Lmax 30 m (I-160)	valid
5	I beam 180 - Lmax 24 m (I-180)	valid
6	I beam 210 - Lmax 21 m (I-210)	valid
7.0 A - beams		
1	A beam A-12 / Lmax 12 m (A-12)	valid
2	A beam A-14 / Lmax 14 m (A-14)	valid
3	A beam A-16 / Lmax 16 m (A-16)	valid
4	A beam A-18 / Lmax 18 m (A-18)	valid
5	A beam A-20 / Lmax 20 m (A-20)	valid
6	A beam A-22 / Lmax 22 m (A-22)	valid
7	A beam A-24 / Lmax 24 m (A-24)	valid
8	A beam A-26 / Lmax 26 m (A-26)	valid
9	A beam A-32 / Lmax 32 m (A-32)	valid
8.0 Secondary roof structure		
1	secondary roof beam R-45 / Lmax 10 m (R-45)	valid
2	secondary roof beam T-60 / Lmax 12 m (T-60)	valid
3	secondary roof beam R-63 / Lmax 12 m (R-63)	valid
4	secondary roof beam R-50 / Lmax 13 m (R-50)	valid
5	secondary roof beam R-55 / Lmax 13 m (R-55)	valid
6	secondary roof beam R-75 / Lmax 13 m (R-75)	valid
7	secondary roof beam R-80 / Lmax 15 m (R-80)	valid
8	secondary roof beam nosilec R-100 / Lmax 16 m (R-100)	valid
9	secondary roof beam R-120 / Lmax 21 m (R-120)	valid
10	secondary roof beam T-120 / Lmax 24 m (T-120)	valid
9.0 Beams with troughs		
1	beam with trough/Lmax 6,25 m - OK-50	valid
2	roof beam with trough T-80/Lmax 12 m - OG T-80	valid
3	roof beam with trough T-100/Lmax 14 m - OG T-100	valid
EN 13224:2011 Precast concrete products – Ribbet floor elements (method 3b)		
10.0 Ribbet floor elements		
1	ribbet floor elements	valid

EN 13747:2005+A2:2010 Precast concrete products – Floor plates for floor systems (method 3b)		
11.0 Floor plates for floor systems		
1	Omnia plate d = 60 mm, Lmax = 8,0 m)	valid
2	Omnia plate d = 70 mm, Lmax = 8,0 m)	valid
EN 14991:2007 Precast concrete products –Foundation elements (method 3)		
12.0 Foundation elements		
1	foundation footing (T)	valid
2	foundation socket for 50/60 – 138x138 (TČ 60)	valid
3	foundation socket for 50/60 – 138x138 (TČ 60)	valid
4	foundation socket 110x110 (TČ 110)	valid
5	foundation socket 120x120 (TČ 120)	valid
6	foundation socket 130x130 (TČ 130)	valid
7	foundation socket 140x140 (TČ 140)	valid
8	double foundation socket (DT)	valid
9	foundation without footing (MT) - EN 14991:2007 (Annex B, figure B2)	valid
10	foundation footing with socket - EN 14991:2007 (Annex B, figure B3- a, b, c i d)	valid
11	column with foundation footing - EN 14991:2007 (Annex B, figure B5)	valid
EN 14992:2007+A1:2012 Precast concrete products – Wall elements (metoda 3b)		
13.0 Wall elements		
1	facade with thermal bridge / Lmax 15 m - F1	valid
2	facade without thermal bridge / Lmax 12 m - F2	valid
3	reinforced concrete parapet wall / Lmax 12 m (F3)	valid
4	reinforced bearing wall / Lmax 12 m (F4)	valid