



MASURATOAREA OTELULUI BETON NECESAR PENTRU ARMAREA RADIERULUI

Marca	Diametrul	Bucati asmened	Lungimi Totale					
			OB 37 ϕ 12	S 255 ϕ 12	S 355 ϕ 16	S 345 ϕ 20	S 335 ϕ 32	
1	32	18	9.05					
1a	25	36	8.65			311.40		
2	25	34	8.40			285.60		
3	25	27	2.40			64.80		
4	25	36	12.00			432.00		
5	25	18	12.00			216.00		
6	25	36	2.45			88.20		
7	16	60	9.65		579.00			
8	16	96	7.90		758.40			
9	16	30	9.55		286.50			
10	16	30	6.10		183.00			
11	16	105	2.65		278.25			
12	12	10	3.55	35.50				
13	12	10	7.15	71.50				
14	12	6	26.00	156.00				
15	20	50	8.55		427.50			
16	32	72	6.50			468.00		
Lungimi pe diametru			156.00	107.00	2085.15	427.50	1398.00	630.90
Greutate pe ml.			0.888	0.888	1.578	2.470	3.853	6.313
Greutate pe diam.			139	95	3295	1056	5387	3990
Total pe calitate			139		13823			
TOTAL					13962			
Sudura 2%(kg)					280			
Pierderi 5%(kg)					699			
GREUTATE TOTALA(kg)					14945			

PENTRU 10 RADIERE: 10x14945 kg =149450 kg

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NOTA

- Prezentul plan s-a intocmit in conformitate cu planul de cofraj EA5101E12BBPV02320061, EA5101E12BBPV02320071.
- Armarea coloanelor e cuprinsa in planul EA5101E12BCPV02320160
- Betonul din radier se va turna prin pompare.
- La punerea in opera a betonului turnat prin pompare se vor lua toate masurile:
 - procesul de pompare sa se desfasoare continuu fara intreruperi;
 - turnarea sa se faca in 3(trei) puncte si sa dureze max 6 ore;
 - inaltimea libera de cadere a betonului sa fie de max 0,5m;
 - betonul se va turna in straturi de max. 40cm grosime, pentru a permite o buna vibrare.
 - betonul sa fie bine compactat prin vibrare.

NOTE:

- This drawing was drawn up according to the shuttering plan EA5101E12BBPV02320061, EA5101E12BBPV02320071.
- The column reinforcing can be found in drawing EA5101E12BCPV02320160.
- The concrete in the raft will be cast by pumping.
- During pumped concrete placement, all measures will be taken so that:
 - the pumping process will be continuous, without any interruption;
 - the concrete will be cast in 3 (three) points and will last max. 6 hours;
 - the free falling height of concrete will be max. 0.5m;
 - the concrete will be cast in max. 40 cm thick layers to allow good vibration;
 - the concrete will be well-compacted by vibration.

D					
C					
B					
A					
Indice	Data	Modificari/Revisiuni	Proiectant	Aprobat Consultant	Aprobat CFR
		GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANAT DE UNIUNEA EUR EUROPEAN UNION FINANCED P	
CLIENT / CLIENT		C.N.C.F. "C.F.R." - S.A.			
ITALFER GRUPPO FERROVIE DELLO STATO Joint Venture leader		Scot Wilson		OBERMEYER PLANEN + BERATEN GmbH	
CONSULTANT / CONSULTANT		TECNIC Consulting Engineers			
Aprobat	Responsabil	Data		Semnatura	
Approved	Project manager	03.2012		Signature	
Aprobat	Coordonator Sectiune 1	03.2012		Signature	
Approved	Section 1 Coordinator	03.2012		Signature	
Verificat	Expert Cheie	03.2012		Signature	
Checked	Checking Expert	03.2012		Signature	
SUBCONTRACTANT / SUBCONTRACTOR		AREX LIDER			
Aprobat	Responsabil Subcontractant	03.2012		Signature	
Approved	Subcontractant Responsible	03.2012		Signature	
Intocmit	Proiectant	03.2012		Signature	
Elaborated	Designer	03.2012		Signature	
Reabilitarea liniei de cale ferata Brasov - Simeria, parte component a a coridorului IV Pan European, pentru circulaia trenurilor cu viteza maximă de 160 km/h, Tronsoanel : Brasov - Sighisoara Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisoara					
Denumire desen / Drawing Title : INTERVAL RACOS - CATA Pod km. 232+366.051 Plan armare radier-pileta 1, 4, 5, 8, 9 linia I, 1, 4, 5, 6, 7 linia II Bridge km. 232+366.051 Plan for raft reinforcement					
Codificare / Codification System		Scara / Scale		Nr. / No	
E A 5 1 0 1 E 1 2 B C P V 0 2 3 2 0 1 8 0		1:50		01/01	