


Nume proiect:	CONSTRUIRE DOTARE SI AMENAJARE GRADINITA BENESTI, ORAS BALCESTI
Amplasament obiectiv:	ORAS BALCESTI, SAT BENESTI STR. MIHAI VITEAZUL NR.52 JUD. VALCEA
Beneficiar:	ORASUL BALCESTI
Elaborator:	SC IONESCU LUPEANU DESIGN SRL 



EXTRAS LAMINATE – STRUCTURI METALICE – COPERTINA SI STALPI PARASOLAR

Nr. Proiect:	Faza:	Specialitate:	Tip document:		Revizie:
010325	D.T.A.C.+P.T.+D.E.	REZ	-	L.C.	r00
Revizie:	Data:	Motivul reviziei:	Intocmit:		
R00	DECEMBRIE 2025	-	dr.ing Silviu IONESCU-LUPEANU		



CUPRINS

1	EXTRAS GENERAL ELEMENTE COPERTINA METALICA.....	3
2	EXTRAS ORGANE DE ASAMBLARE COPERTINA METALICA	3
3	EXTRAS DETALIAT PE ANSAMBLE COPERTINA METALICA	4
4	EXTRAS GENERAL ELEMENTE STALPI 5m	5
5	EXTRAS ORGANE DE ASAMBLARE STALPI 5m.....	5
6	EXTRAS DETALIAT PE ANSAMBLE STALPI 5m	5
7	EXTRAS GENERAL ELEMENTE STALPI 3m	6
8	EXTRAS ORGANE DE ASAMBLARE STALPI 3m.....	6
9	EXTRAS DETALIAT PE ANSAMBLE STALPI 3m	6



1 EXTRAS GENERAL ELEMENTE COPERTINA METALICA

ELEMENT	NR. BUC	ARIA VOPSIRE (m2)		MASA (kg)	
		/BUC.	/ELEMENT	/BUC.	/ELEMENT
EA_P/1	5	0.2	1	13.2	66
GR_P/1	1	3	3	93.4	93.4
GR_P/2	3	1.2	3.6	37.8	113.4
GR_P/3	1	1.3	1.3	39.4	39.4
GR_P/4	2	1	2	43.4	86.8
GR_P/5	2	1.3	2.6	40	80

SUPRAFATA DE VOPSIRE TOTALA:	14	m ²
TOTAL GENERAL:	479	kg
Sudura 2.5%	12	kg
TOTAL GENERAL:	491	kg

Nu sunt incluse cantitatile pentru grund, pierderi tehnologice aferente uzinarii, organele de asamblare.

2 EXTRAS ORGANE DE ASAMBLARE COPERTINA METALICA

CONECTORI NELSON
M19x150 – S235 – 60 buc.



3 EXTRAS DETALIAT PE ANSAMBLE COPERTINA METALICA

Assembly	Part	No.	Profile	Grade	Length(mm)	Weight(kg)
EA_P/1	5	PL20*280				13.2
EA_P/1 P/4	1	PL20*280	S355J2		300	13.2
GR_P/1	1	IPE240				93.4
GR_P/1 P/1	1	IPE240	S355J2		3200	93.4
GR_P/2	3	IPE240				37.8
GR_P/2 P/2	1	IPE240	S355J2		1332	37.8
GR_P/3	1	IPE240				39.4
GR_P/3 P/3	1	IPE240	S355J2		1387	39.4
GR_P/4	2	UPN240				43.4
GR_P/4 P/5	1	UPN240	S355J2		1361	43.4
GR_P/5	2	IPE240				40.0
GR_P/5 H/1	1	PL8*50	S355J2		220	0.7
GR_P/5 P/3	1	IPE240	S355J2		1387	39.4



4 EXTRAS GENERAL ELEMENTE STALPI 5m

ELEMENT	NR. BUC	ARIA VOPSIRE (m2)		MASA (kg)	
		/BUC.	/ELEMENT	/BUC.	/ELEMENT
EA_S/1	32	0.1	3.2	0.5	16
K_S/1	4	1.1	4.4	50	200
ST_S/1	4	3	12	242.8	971.2

SUPRAFATA DE VOPSIRE TOTALA:	20	m ²
TOTAL GENERAL:	1187	kg
Sudura 2.5%	30	kg
TOTAL GENERAL:	1217	kg

Nu sunt incluse cantitatile pentru grund, pierderi tehnologice aferente uzinarii, organele de asamblare.

5 EXTRAS ORGANE DE ASAMBLARE STALPI 5m

Piulite si contrapiulite – M27 – gr.8 – 64buc.

6 EXTRAS DETALIIAT PE ANSAMBLE STALPI 5m

Assembly	Part	No.	Profile	Grade	Length(mm)	Weight(kg)
EA_S/1		32	PL15*70			0.5
EA_S/1 S/1	1		PL15*70	S355J2	70	0.5
K_S/1		4	D27			50.0
K_S/1 S/5	8		D27	S355J2	990	4.2
K_S/1 S/6	8		D10	BST500C	306	0.2
K_S/1 S/7	2		D10	BST500C	411	0.2
K_S/1 S/8	4		D10	BST500C	756	0.4
K_S/1 S/9	8		PL20*100	S355J2	100	1.6
ST_S/1		4	CHS139.7X12			242.8
ST_S/1 S/3	1		CHS139.7X12	S355J2	5710	212.3
ST_S/1 S/10	1		PL3*133	S355J2	133	0.3
ST_S/1 S/1001	1		PL350*350	S355J2	25	23.9
ST_S/1 S/1002	8		PL10*100	S355J2	150	0.8



7 EXTRAS GENERAL ELEMENTE STALPI 3m

ELEMENT	NR. BUC	ARIA VOPSIRE (m2)		MASA (kg)	
		/BUC.	/ELEMENT	/BUC.	/ELEMENT
EA_S/1	32	0.1	3.2	0.5	16
K_S/1	4	1.1	4.4	50	200
ST_S/2	4	2.1	8.4	147.3	589.2

SUPRAFATA DE VOPSIRE TOTALA:	16	m ²
TOTAL GENERAL:	805	kg
Sudura 2.5%	20	kg
TOTAL GENERAL:	825	kg

Nu sunt incluse cantitatile pentru grund, pierderi tehnologice aferente uzinarii, organele de asamblare.

8 EXTRAS ORGANE DE ASAMBLARE STALPI 3m

Piulite si contrapiulite – M27 – gr.8 – 64buc.

9 EXTRAS DETALIIAT PE ANSAMBLE STALPI 3m

Assembly	Part	No.	Profile	Grade	Length(mm)	Weight(kg)
EA_S/1	32	PL15*70				0.5
EA_S/1 S/1	1	PL15*70	S355J2		70	0.5
K_S/1	4	D27				50.0
K_S/1 S/5	8	D27	S355J2		990	4.2
K_S/1 S/6	8	D10	BST500C		306	0.2
K_S/1 S/7	2	D10	BST500C		411	0.2
K_S/1 S/8	4	D10	BST500C		756	0.4
K_S/1 S/9	8	PL20*100	S355J2		100	1.6
ST_S/2	4	CHS139.7X10.0				147.3
ST_S/2 S/4	1	CHS139.7X10.0	S355J2		3710	116.7
ST_S/2 S/10	1	PL3*133	S355J2		133	0.3
ST_S/2 S/1001	1	PL350*350	S355J2		25	23.9
ST_S/2 S/1002	8	PL10*100	S355J2		150	0.8