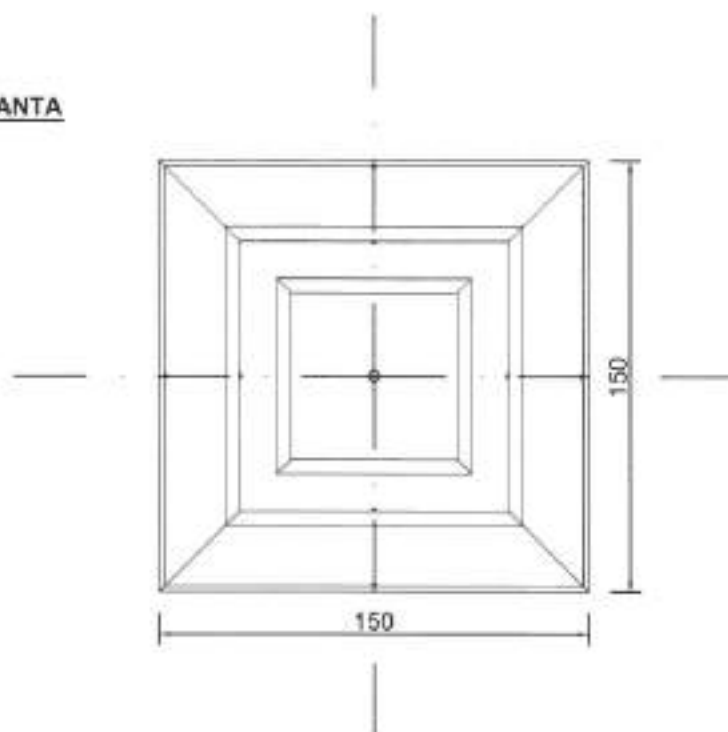


UNI EN 14991

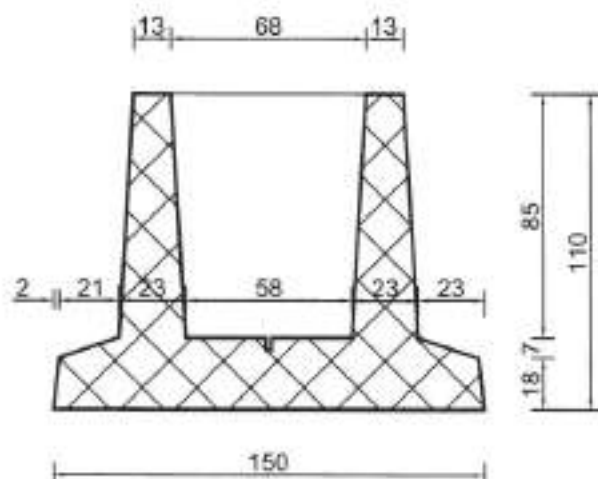
Plinto Prefabbricato tipo "P1"

Dimensioni: cm 150x150x110

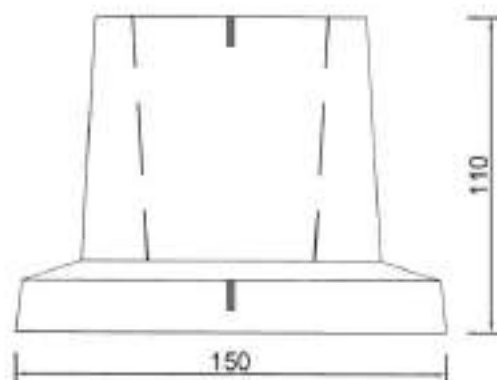
VISTA IN PIANTA



SEZIONE



VISTA LATERALE

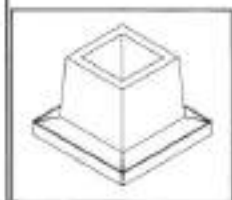


DIMENSIONI E PESO

Lungh.	Largh.	Alt.	Volume	Peso
cm 150	cm 150	cm 110	mc 1.00	tonn 2.5

MATERIALI

Cls	R'ck 45 N/mm ²
Acciaio	B450C

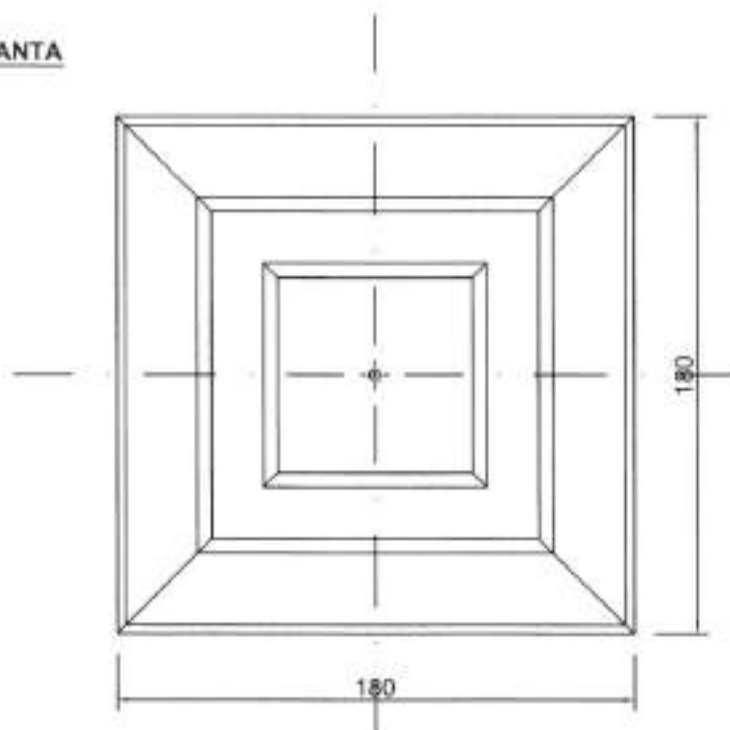


UNI EN 14991

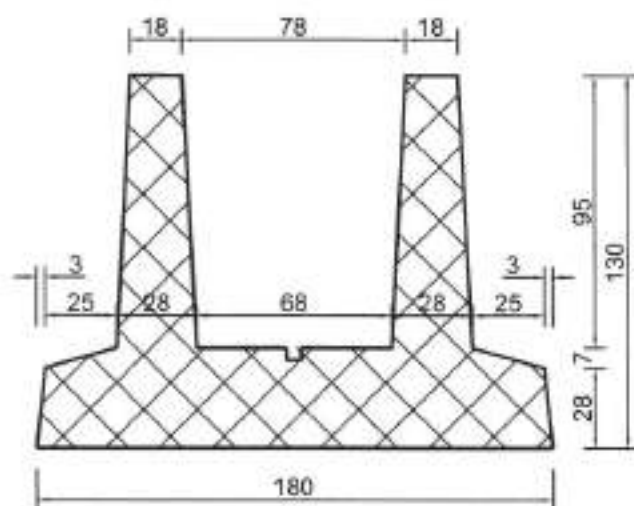
Plinto Prefabbricato tipo "P2"

Dimensioni: cm 180x180x130

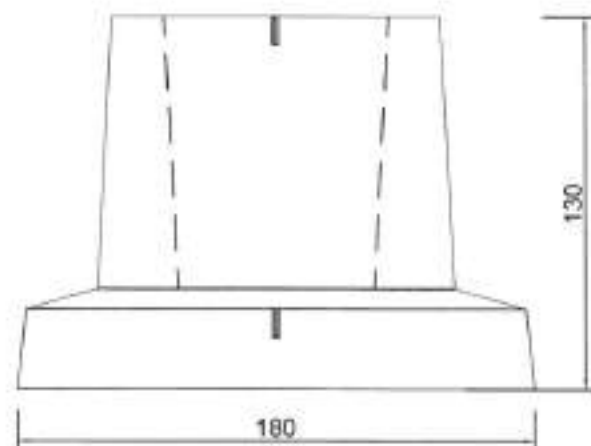
VISTA IN PIANTA



SEZIONE



VISTA LATERALE

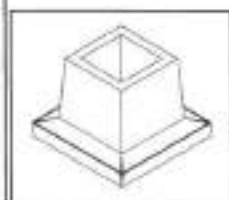


DIMENSIONI E PESO

Lungh.	Largh.	Alt.	Volume	Peso
cm 180	cm 180	cm 130	mc 1.88	tonn 4.7

MATERIALI

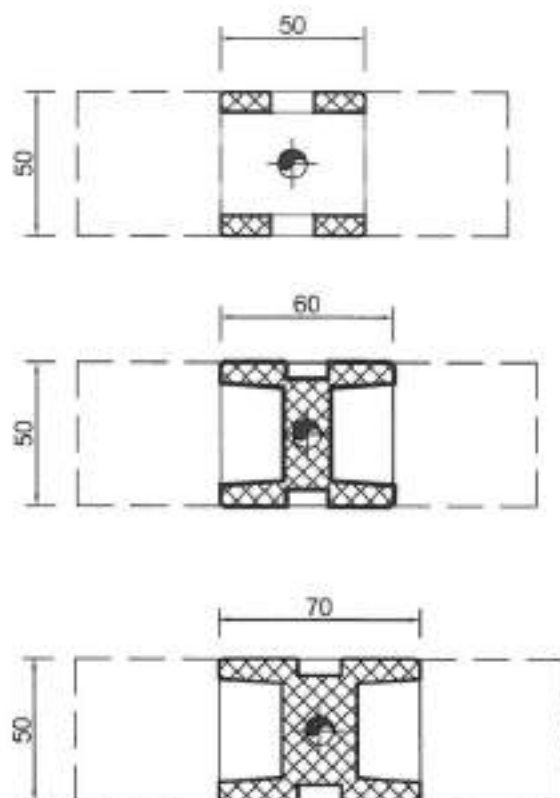
Cls	R'ck 45 N/mm ²
Acciaio	B450C



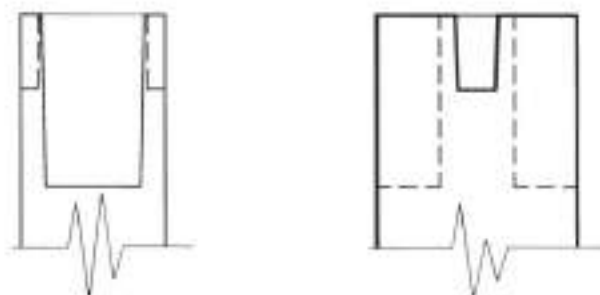
 **LEADRI**

UNI EN 13225
Pilastro per copertura a doppia pendenza
 Dimensioni: 50 x 50-60-70

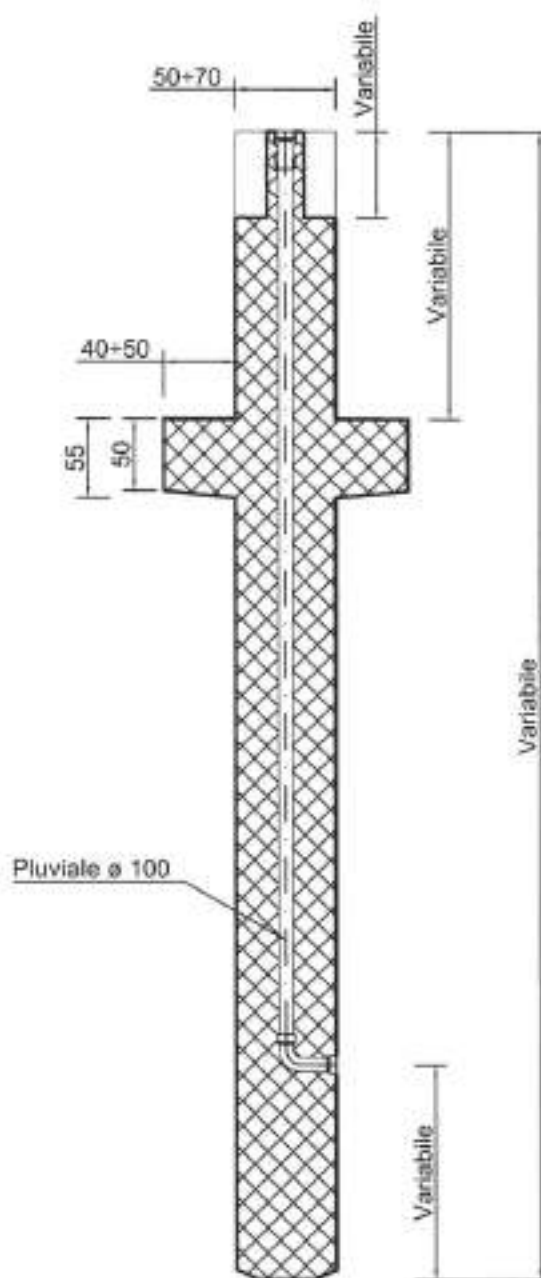
SEZIONI



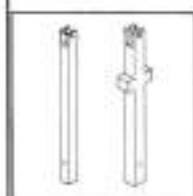
**PARTICOLARI TESTA PILASTRO
 (forcelle)**



DIMENSIONI E PESI		
Dim. cm	Sezione cm ²	Peso kg/ml
50 x 50	2500	625
50 x 60	3000	750
50 x 70	3500	875

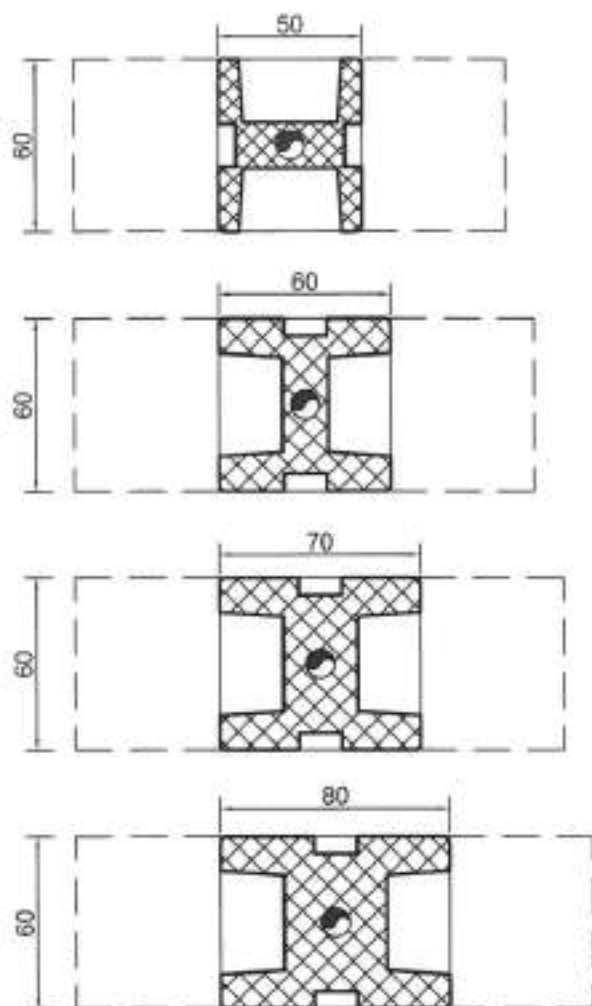


MATERIALI	
Cls	R'ck 45 N/mm ²
Acciaio	B450C



UNI EN 13225
Pilastro per copertura a doppia pendenza
 Dimensioni: 60 x 50-60-70-80

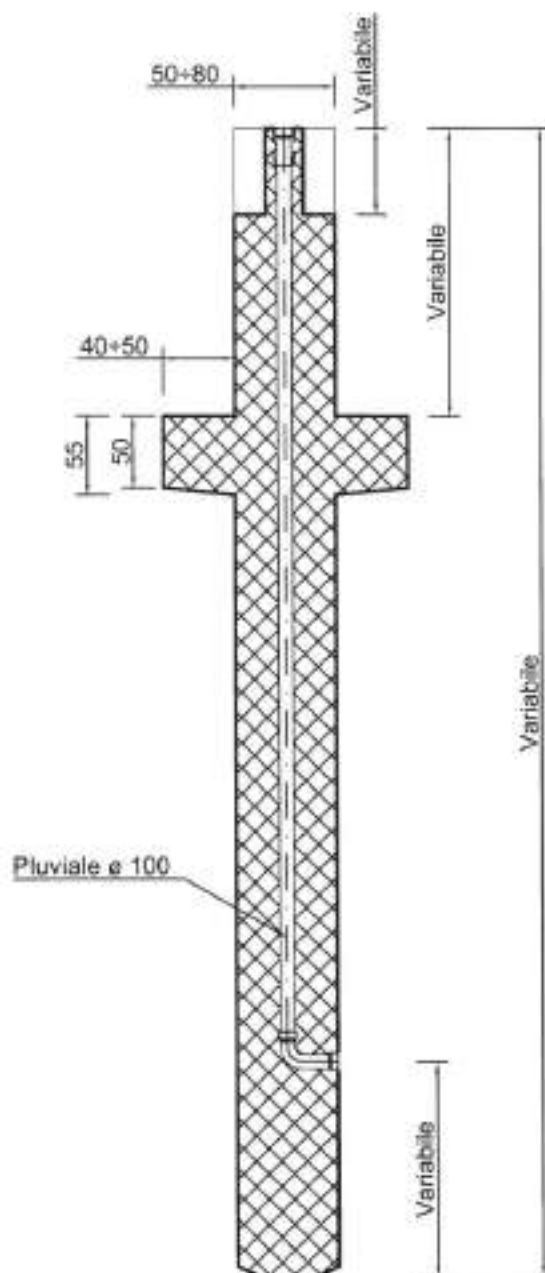
SEZIONI



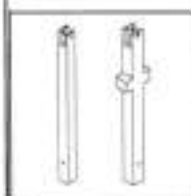
**PARTICOLARI TESTA PILASTRO
 (forcelle)**



DIMENSIONI E PESI		
Dim. cm	Sezione cm ²	Peso kg/ml
60 x 50	3000	750
60 x 60	3600	900
60 x 70	4200	1050
60 x 80	4800	1200

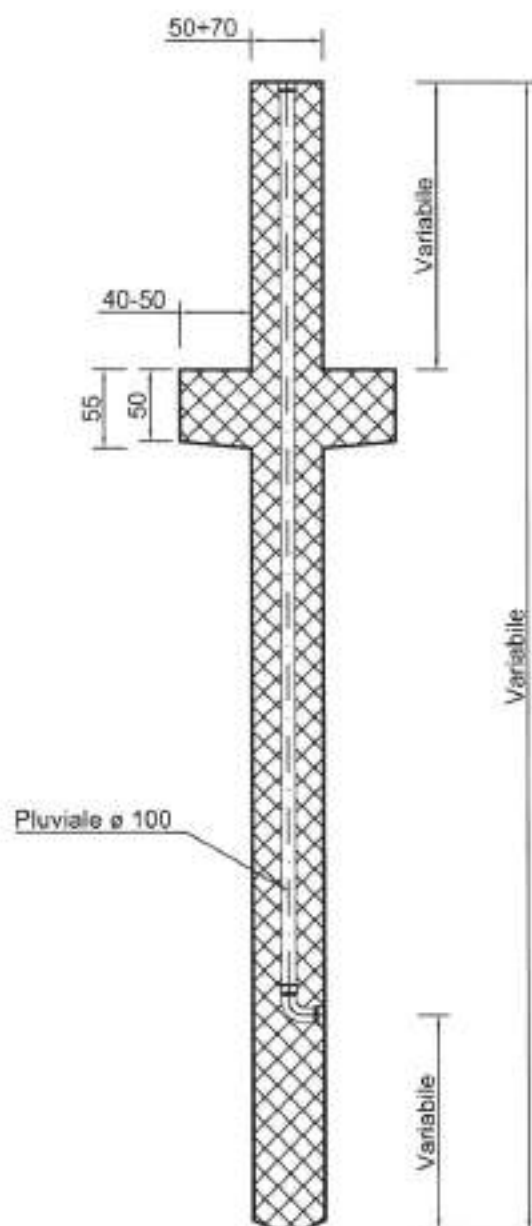
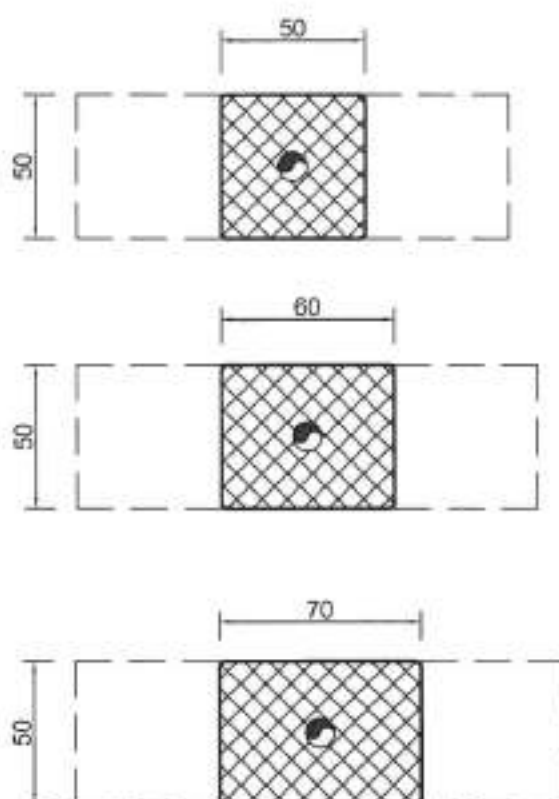


MATERIALI	
Cis	R'ck 45 N/mm ²
Acciaio	B450C



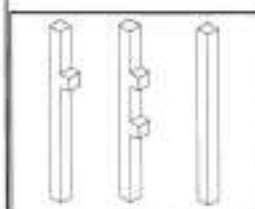
UNI EN 13225
Pilastro per copertura piana
 Dimensioni: 50 x 50-60-70

SEZIONI



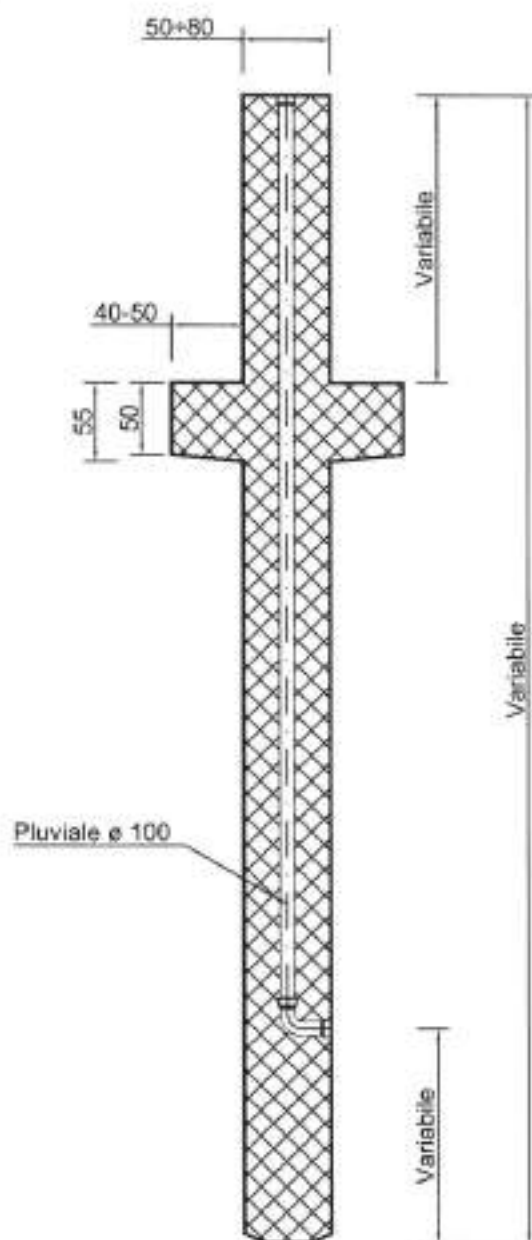
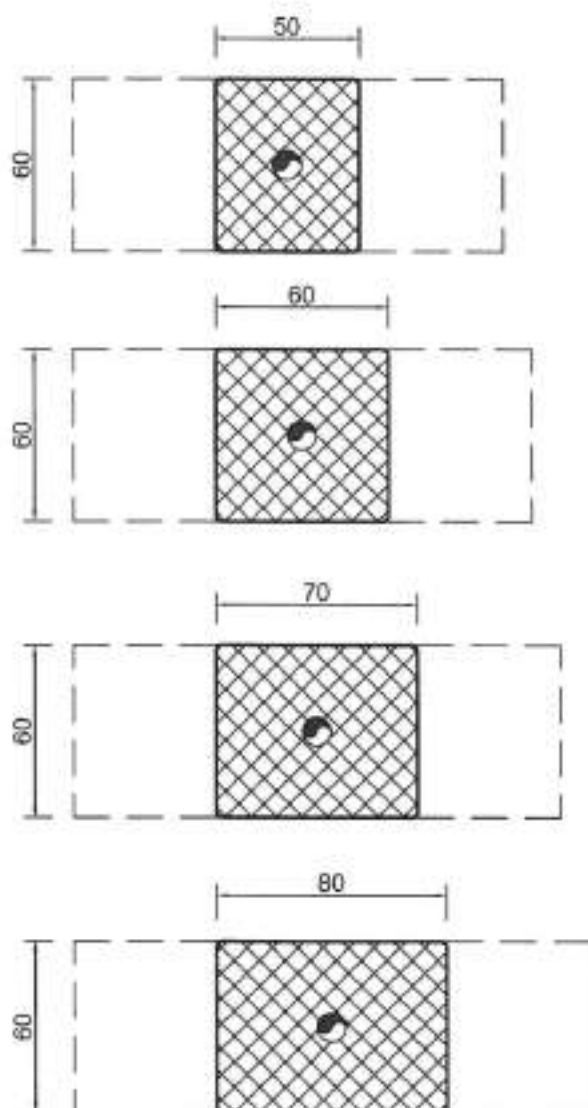
DIMENSIONI E PESI		
Dim. cm	Sezione cm ²	Peso kg/ml
50 x 50	2500	625
50 x 60	3000	750
50 x 70	3500	875

MATERIALI	
Cls	R'ck 45 N/mm ²
Acciaio	B450C



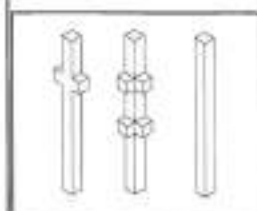
UNI EN 13225
Pilastro per copertura piana
 Dimensioni: 60 x 50-60-70-80

SEZIONI



DIMENSIONI E PESI		
Dim. cm	Sezione cm ²	Peso kg/ml
60 x 50	3000	750
60 x 60	3600	900
60 x 70	4200	1050
60 x 80	4800	1200

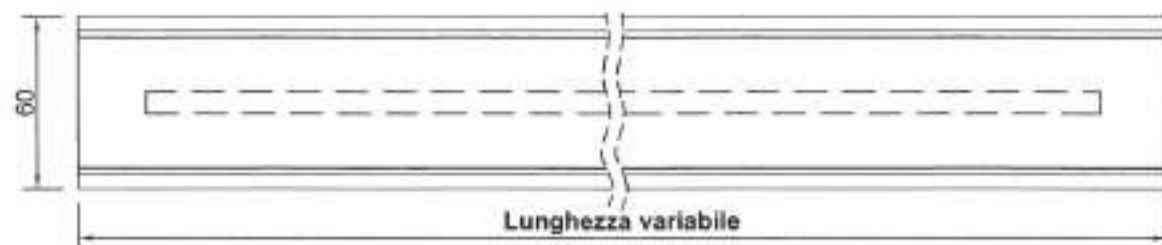
MATERIALI	
Cls	R'ck 45 N/mm ²
Acciaio	B450C



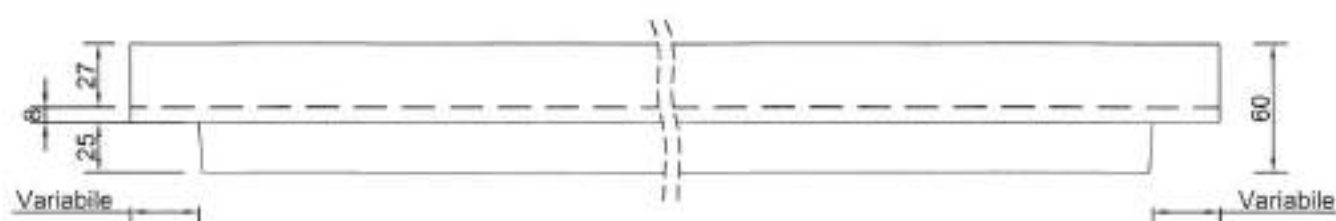
UNI EN 13225

GRONDA Prefabbricata in c.a.p.

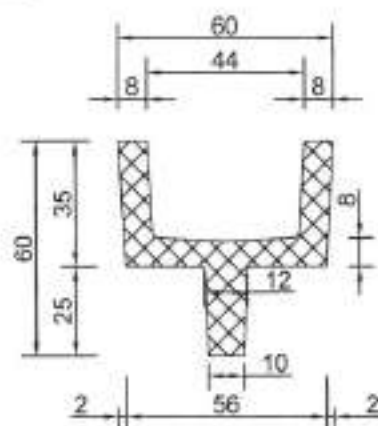
VISTA IN PIANTA



VISTA LATERALE



SEZIONE TRASVERSALE

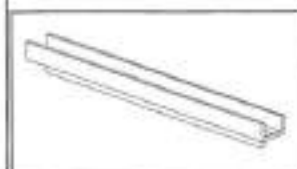


MATERIALI

Cls	R'ck 55 N/mm ²
Trefoli 0,6"	fptk 1860 N/mm ²
Acciaio	B450C

DIMENSIONI E PESO

Lunghezza fino a mt. 14.00
Peso proprio 300 kg/ml



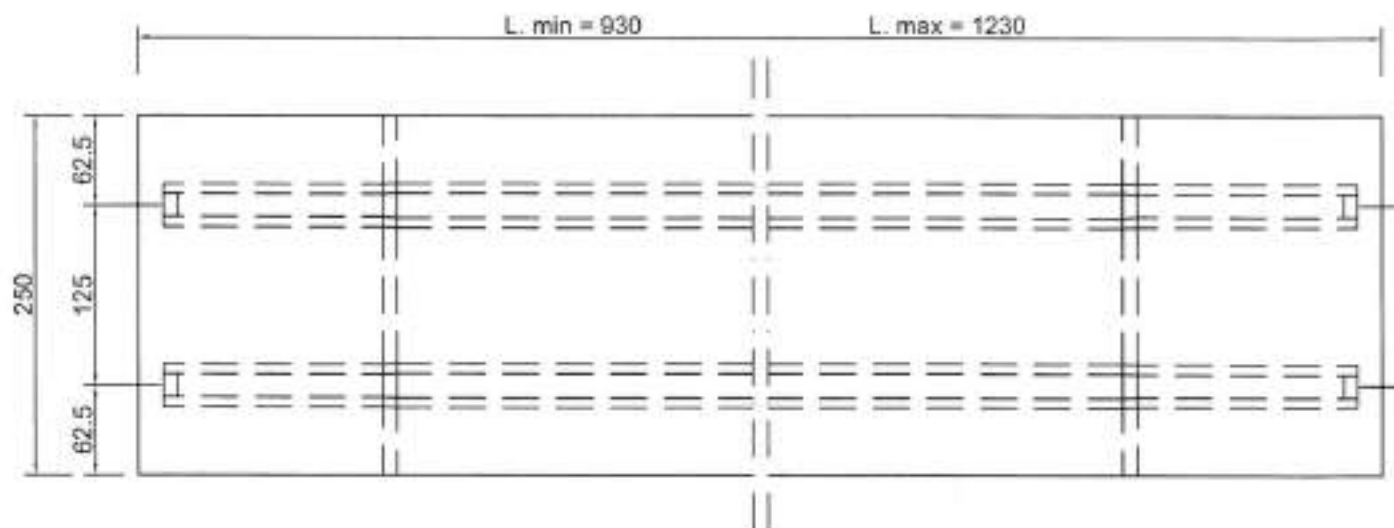
LEADRI

UNI EN 13224

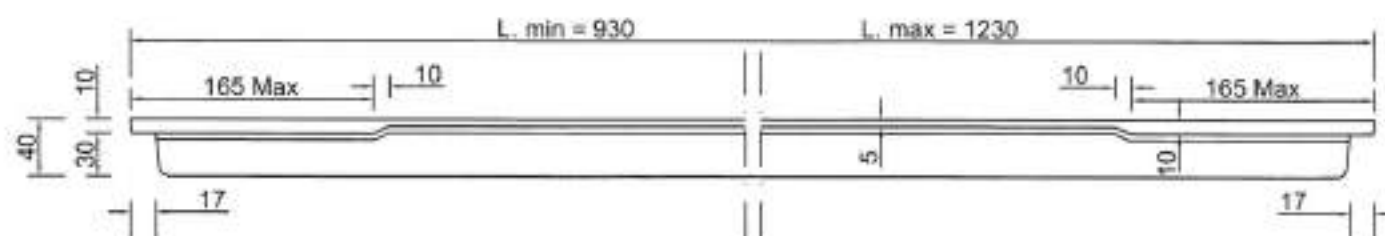
Tegolo binervato H = 40 cm in c.a.v.

Peso Proprio = 250 kg/mq

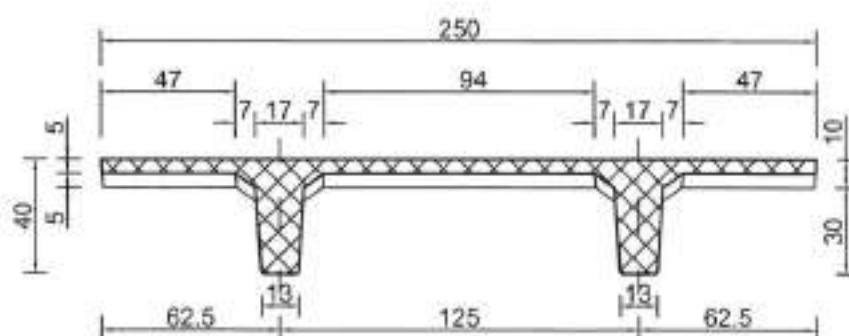
VISTA IN PIANTA:



VISTA LATERALE:

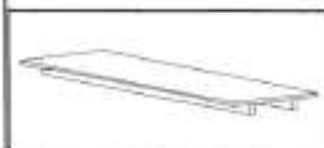


SEZIONE:



MATERIALI

Cls	R'ck 450 kg/cm ²
Acciaio	FeB44k 2600 kg/cm ²

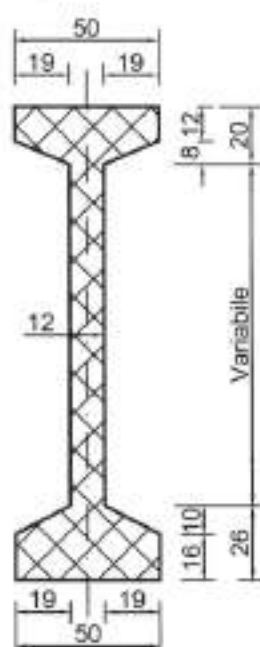


UNI EN 13225
Trave Doppia Pendenza
 (anima 12 - 30 cm)

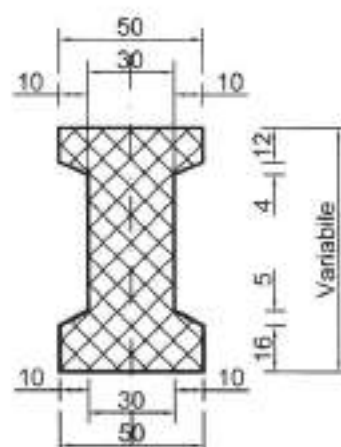
VISTA LATERALE



SEZIONE IN MEZZERIA



SEZIONE ALL'APPOGGIO



DIMENSIONI E PESO

Lunghezza	H max	Peso
da m 12.00 a 15.00	m 1.50	Kg/ml 720
da m 15.01 a 18.00	m 1.65	Kg/ml 740
da m 18.01 a 21.00	m 1.80	Kg/ml 760
da m 21.01 a 24.00	m 1.95	Kg/ml 780
da m 24.01 a 27.00	m 2.10	Kg/ml 800
da m 27.01 a 30.00	m 2.25	Kg/ml 820

MATERIALI

Cls	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C

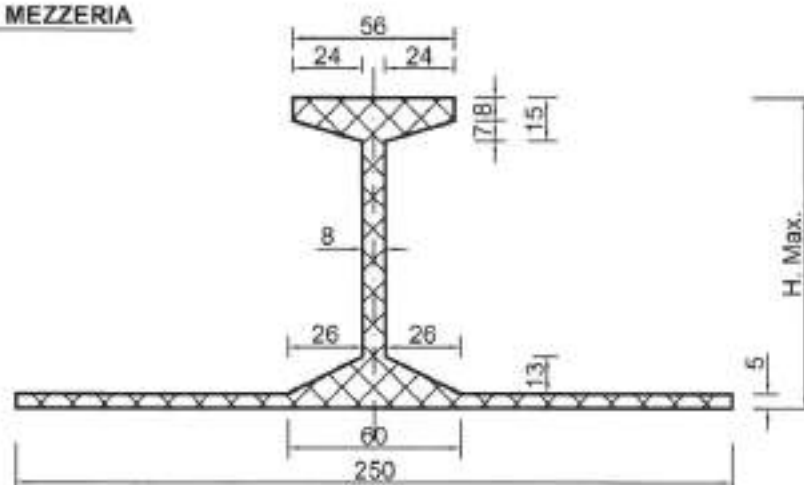


UNI EN 13225
Trave ad ala larga inferiore Tipo "PLANUS"
 (anima 8 - 25 cm, peso proprio 280 kg/mq)

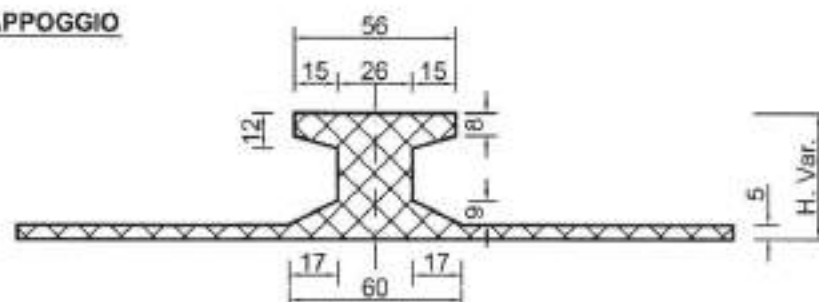
VISTA LATERALE



SEZIONE IN MEZZERIA



SEZIONE ALL'APPOGGIO



DIMENSIONI

Lunghezza	H max
da m 12.00 a 15.00	m 0.96
da m 15.01 a 18.00	m 1.08
da m 18.01 a 21.00	m 1.20
da m 21.01 a 24.00	m 1.32
da m 24.01 a 27.00	m 1.44
da m 27.01 a 30.00	m 1.56

MATERIALI

Cls	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C



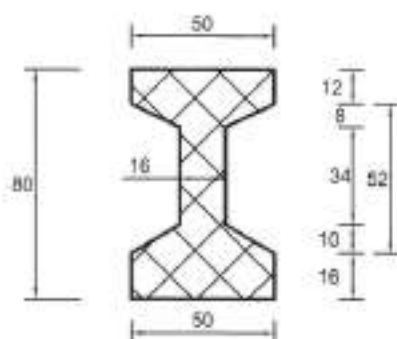
UNI EN 13225
Trave di banchina ad " I " in c.a.p.
 Altezza 80 cm.

VISTA LATERALE

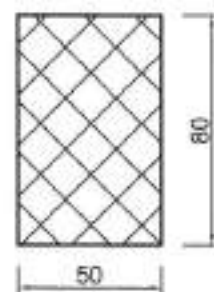


SEZIONE IN MEZZERIA

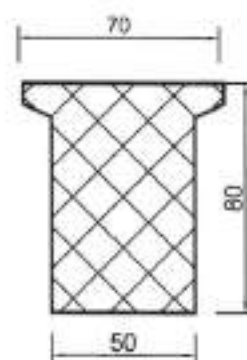
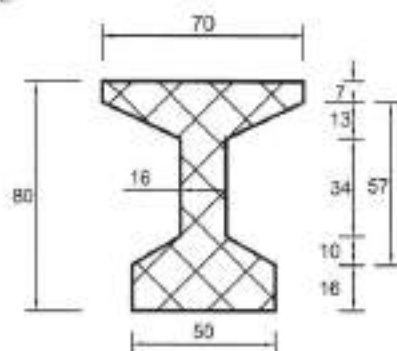
B = 50
 b = 50 cm.



SEZIONE ALL'APPOGGIO



B = 50
 b = 70 cm.



DIMENSIONI E PESO

Lunghezza ml.	H cm.	B cm.	b cm.	Peso kg/ml.
da 6.50 a 12.50	80	50	50	750
da 6.50 a 12.50	80	50	70	800

MATERIALI

Cis	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C



UNI EN 13225

Trave di banchina ad " I " in c.a.p.

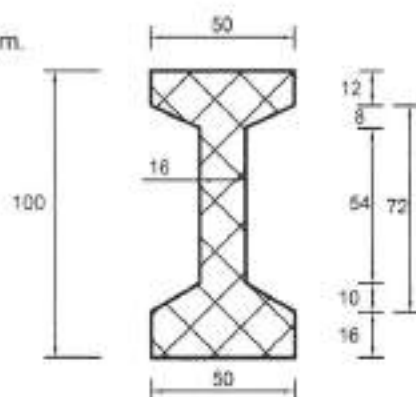
Altezza 100 cm.

VISTA LATERALE

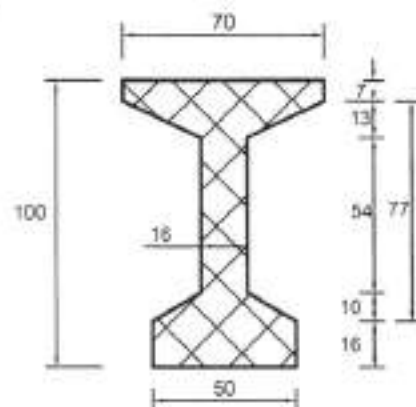


SEZIONE IN MEZZERIA

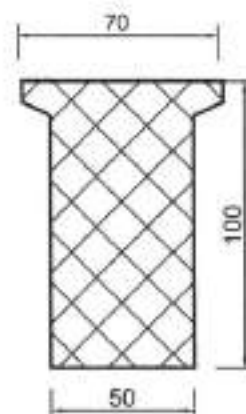
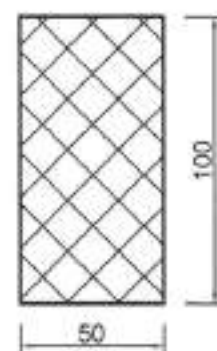
B = 50
b = 50 cm.



B = 50
b = 70 cm.



SEZIONE ALL'APPOGGIO



DIMENSIONI E PESO

Lunghezza ml.	H cm.	B cm.	b cm.	Peso kg/ml.
da 6.50 a 12.50	100	50	50	875
da 6.50 a 12.50	100	50	70	925

MATERIALI

Cls	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C

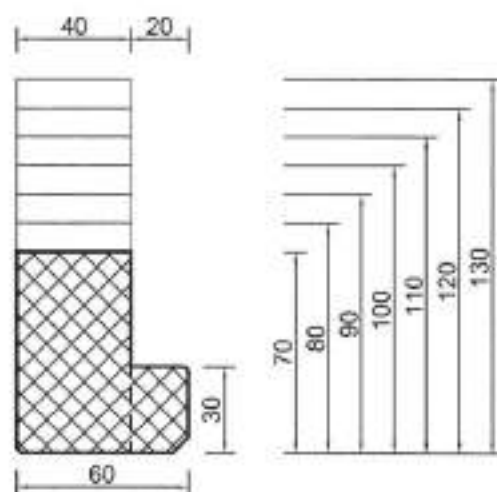


LEADRI

UNI EN 13225
Travi ad "R", "L" e "T rov."
 Spessore Anima 40 cm

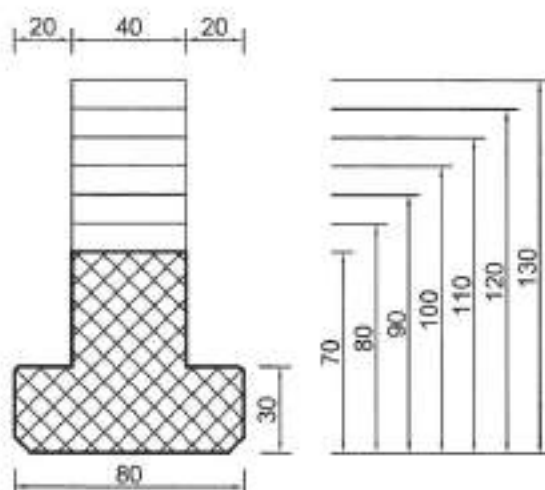
VISTA IN SEZIONE

(Trave Rettangolare e ad "L"):



VISTA IN SEZIONE

(Trave a "T" rov.):



DIMENSIONI E PESI

Altezza cm.	Peso Proprio Trave ad "R" kg/ml	Peso Proprio Trave ad "L" kg/ml	Peso Proprio Trave a "T rov." kg/ml
70	700	850	1000
80	800	950	1100
90	900	1050	1200
100	1000	1150	1300
110	1100	1250	1400
120	1200	1350	1500
130	1300	1450	1600

MATERIALI

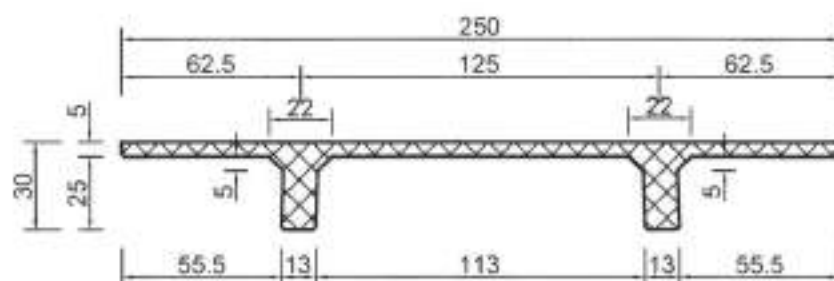
Cls	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C



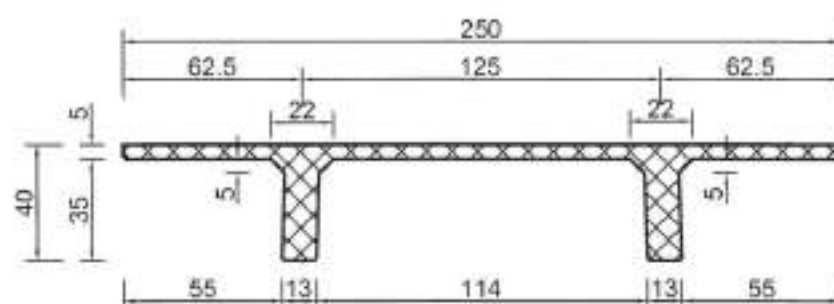
UNI EN 13224

Tegolo binervato in c.a.p.**b = 13 cm. H = 30 ÷ 100 cm.****SEZIONE: H = 30 cm**

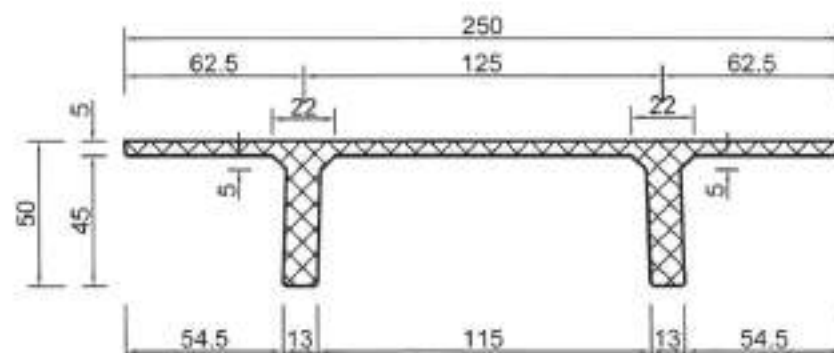
Peso proprio = 200 kg/mq

**SEZIONE: H = 40 cm**

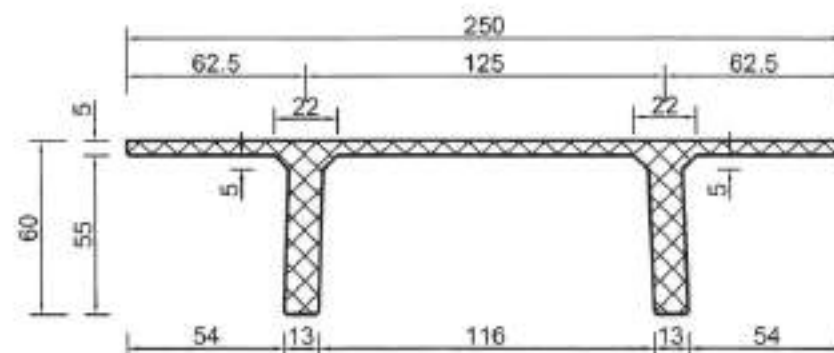
Peso proprio = 225 kg/mq

**SEZIONE: H = 50 cm**

Peso proprio = 250 kg/mq

**SEZIONE: H = 60 cm**

Peso proprio = 275 kg/mq

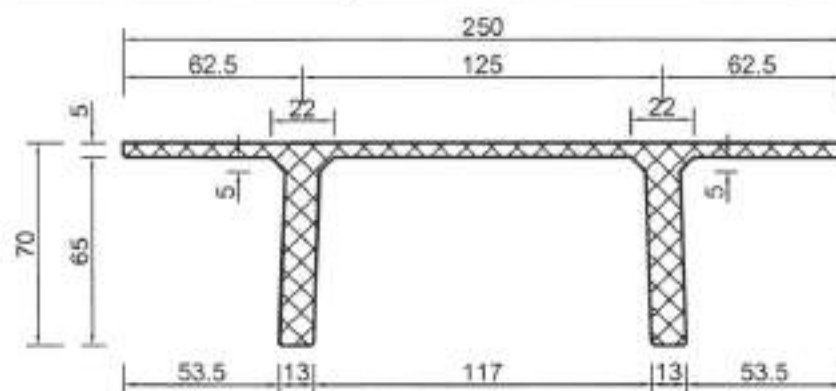
**MATERIALI**

Cia	R _{ck} 55 N/mm ²
Trefoli 0,6"	f _{pk} 1860 N/mm ²
Acciaio	B450C

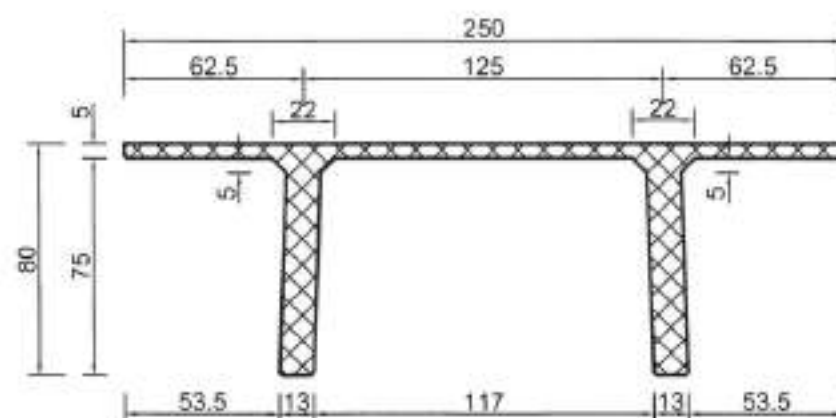


SEZIONE: H = 70 cm

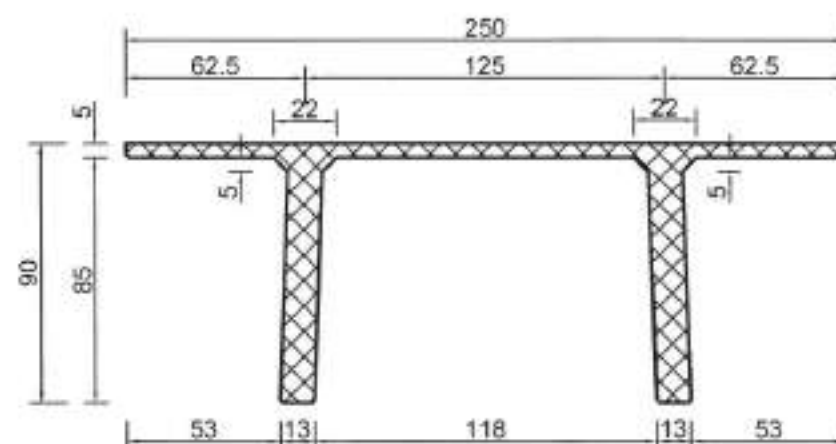
Peso proprio = 300 kg/mq

**SEZIONE: H = 80 cm**

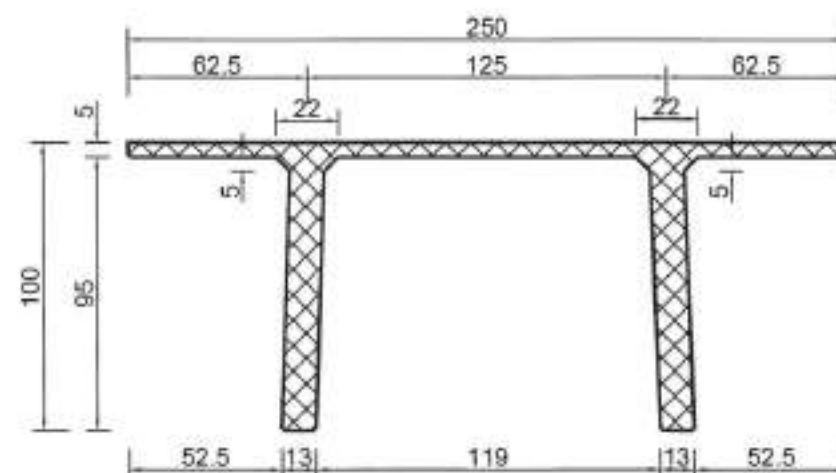
Peso proprio = 325 kg/mq

**SEZIONE: H = 90 cm**

Peso proprio = 350 kg/mq

**SEZIONE: H = 100 cm**

Peso proprio = 375 kg/mq

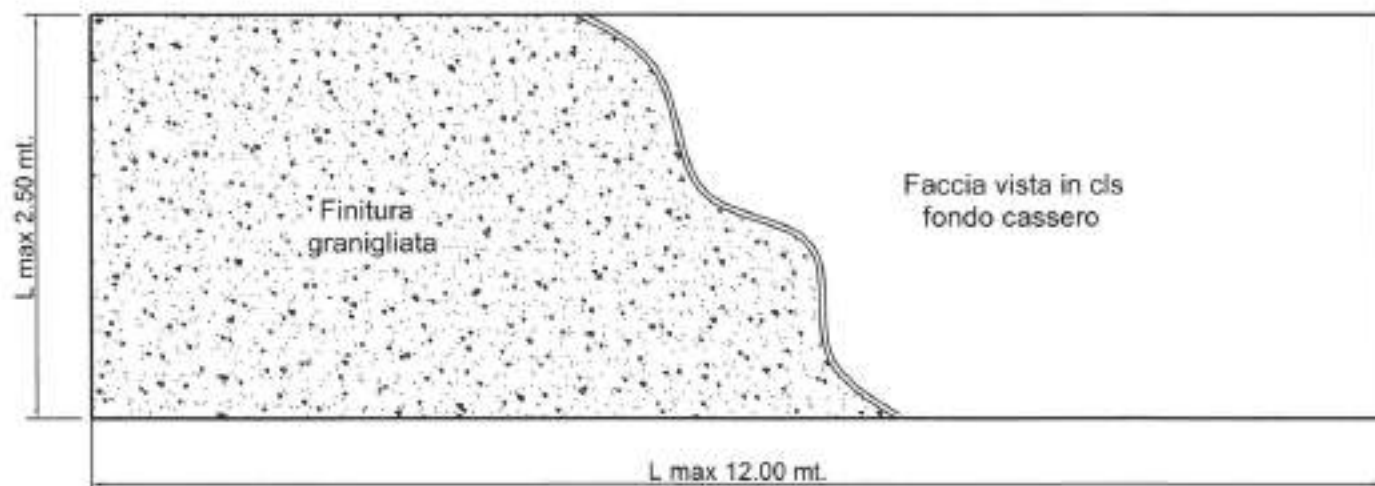
**MATERIALI**

Cls	R _{ck} 55 N/mm ²
Trefoli 0.6"	f _{ptk} 1860 N/mm ²
Acciaio	B450C

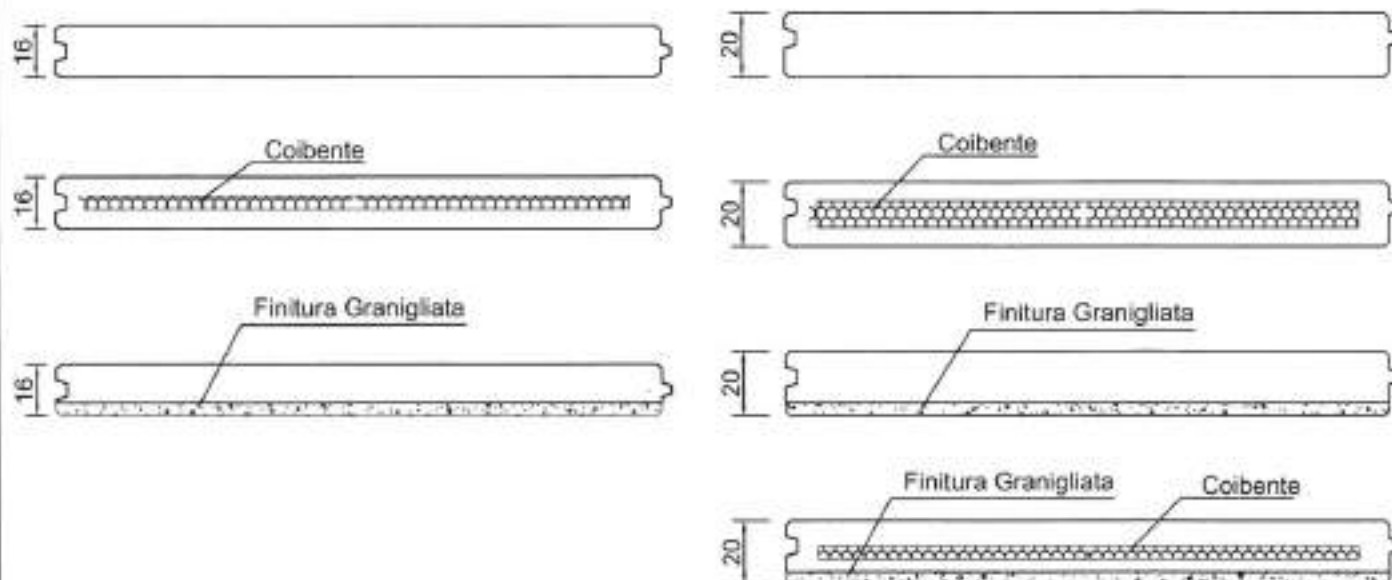


UNI EN 14992
Pannelli di tamponamento orizzontali
 (spessore 16 - 20 cm.)

VISTA



SEZIONI TIPICHE

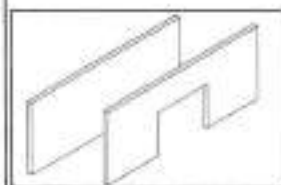


PESO PANNELLI

TIPOLOGIE PANNELLI	PESI kg/mq
Pannello sp. 16 pieno	400
Pannello sp. 16 coibentato	320
Pannello sp. 20 pieno	500
Pannello sp. 20 coibentato	420

MATERIALI

Cls	R'ck 45 N/mm ²
Acciaio	B450C

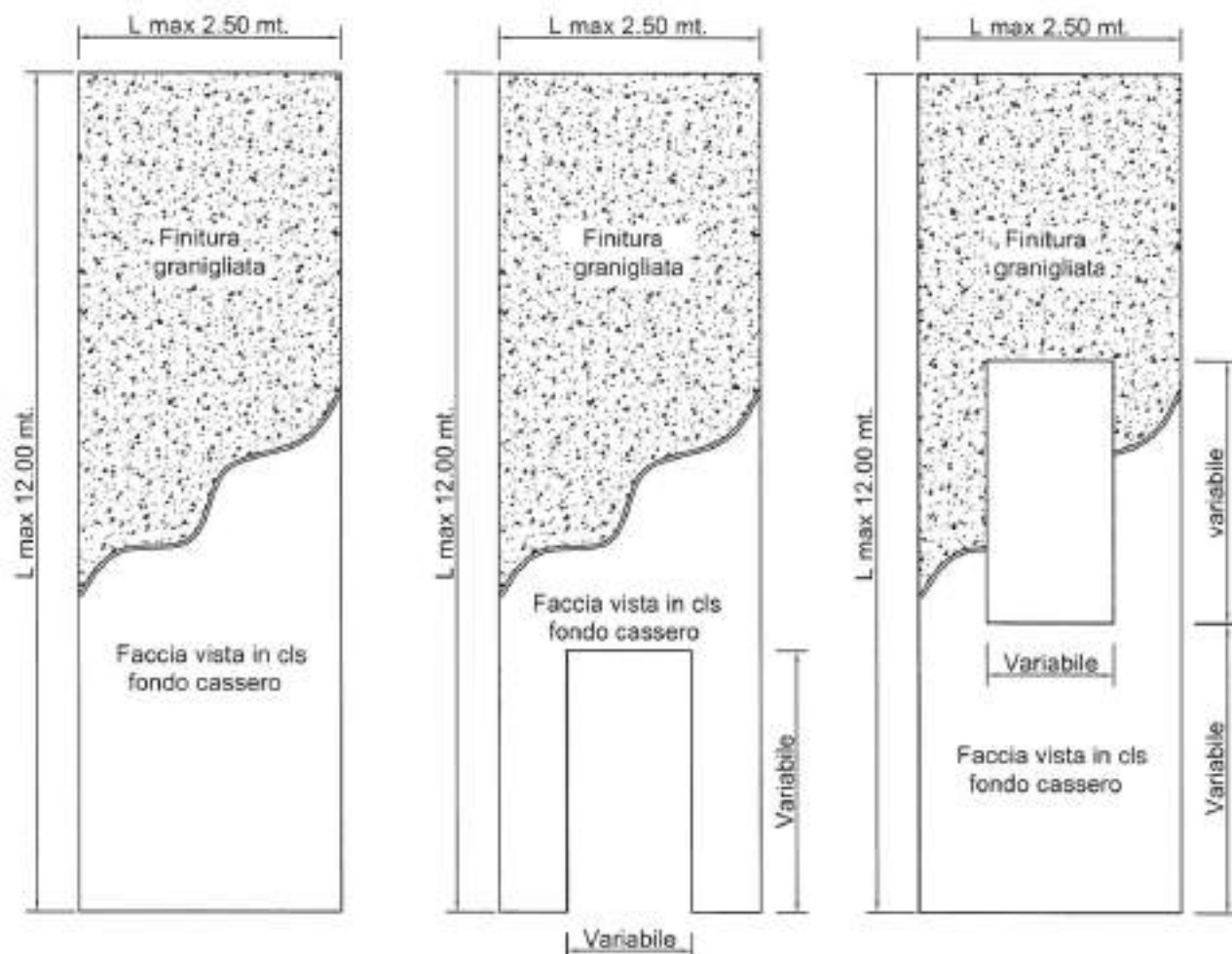


UNI EN 14992

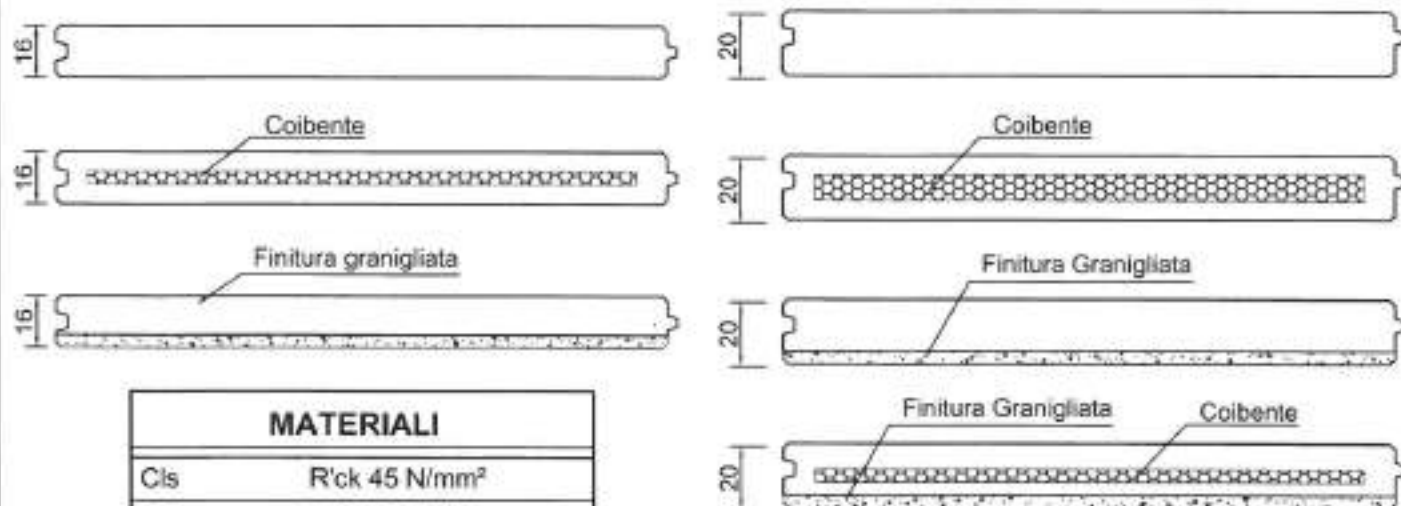
Pannelli di tamponamento verticali

(spessore 16 - 20 cm.)

VISTA

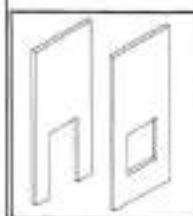


SEZIONI TIPICHE



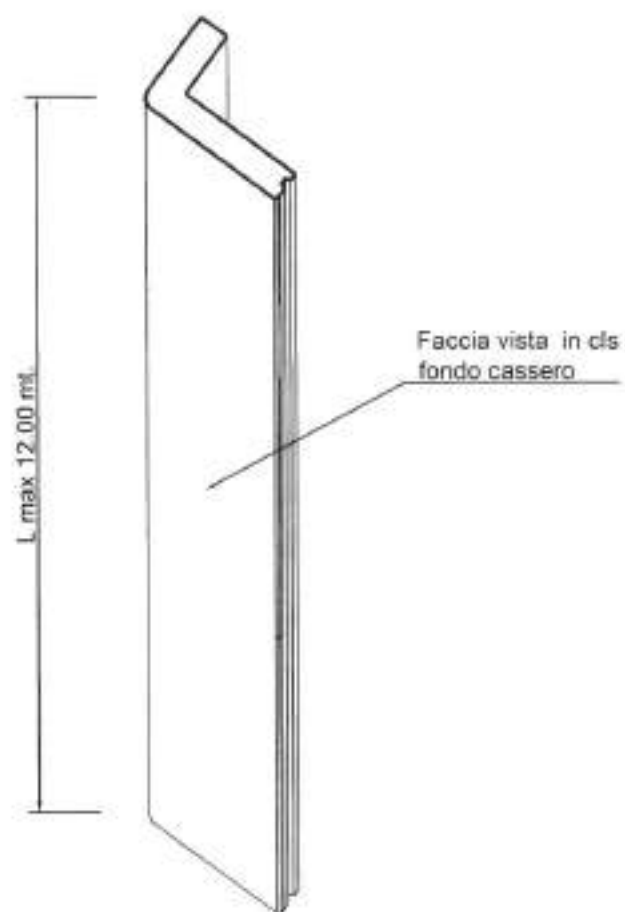
MATERIALI

Cls	R'ck 45 N/mm ²
Acciaio	B450C

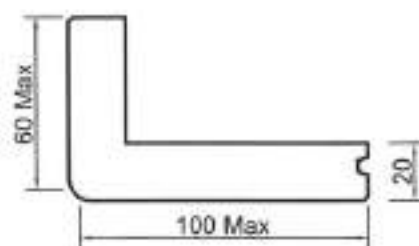
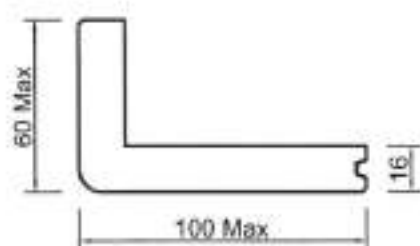


UNI EN 14992
Pannelli d'angolo
(spessore 16 - 20 cm.)

VISTA ASSONOMETRICA

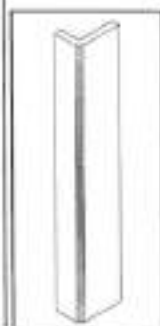


SEZIONI

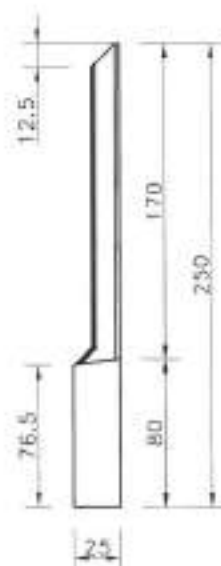
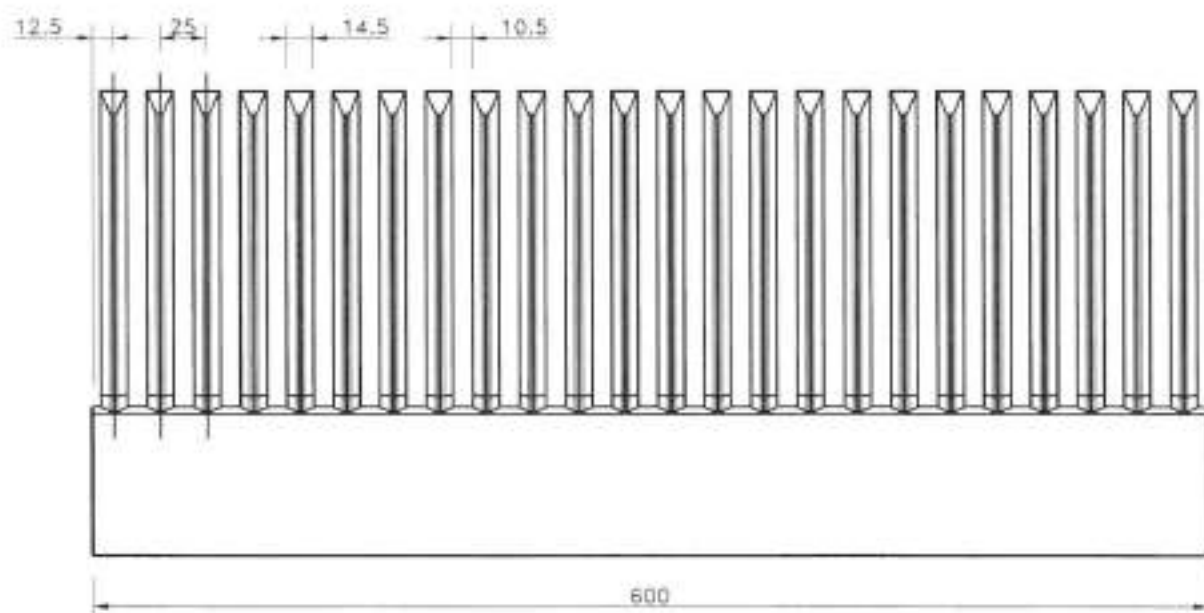


MATERIALI

Cls	R'ck 45 N/mm ²
Acciaio	B450C



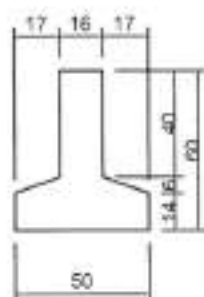
Recinzione prefabbricata a pettine



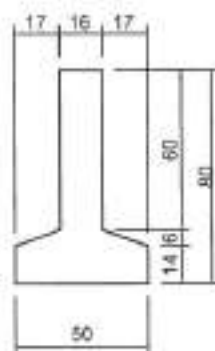
UNI EN 15050 TRAVI DA PONTE

- Sezione Travi -

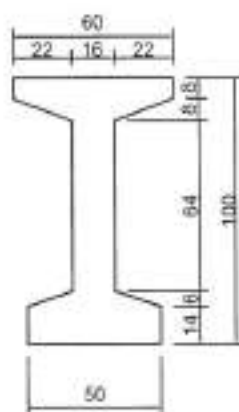
Produzione su pista con testate di tiro da 450 t.



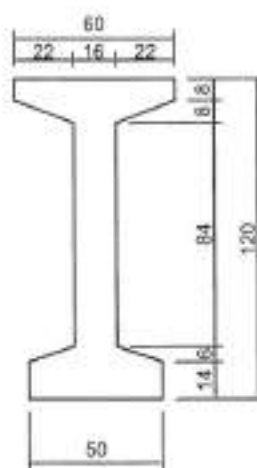
TRAVE H=60 cm.



TRAVE H=80 cm.



TRAVE H=100 cm.



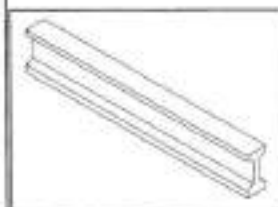
TRAVE H=120 cm.

SEZIONI DELLE TRAVI PIU' UTILIZZATE IN FUNZIONE DELLA LUNGHEZZA DELL'IMPALCATO DEL PONTE

H TRAVE (cm)	PESO (Kg/m)	LUNGHEZZA MASSIMA IMPALCATO fino a m	INTERASSE TRAVI MASSIMO (m)	MOMENTO MASSIMO DI ESERCIZIO Kg/m
60	385	10.00	AFFIANCATE	31000
80	465	12.00	AFFIANCATE	58000
100	763	15.00	1.50	170000
120	757	20.00	1.50	210000

MATERIALI:

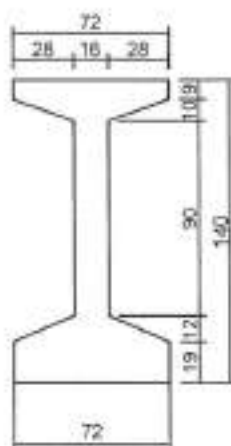
Cls	R'ck 55 N/mm ²
Trefoli 0.6"	fptk 1860 N/mm ²
Acciaio	B450C



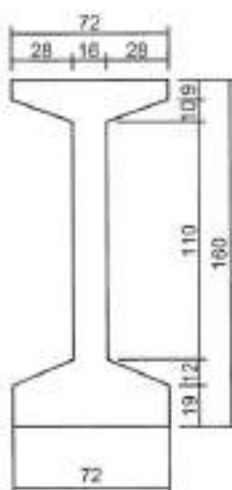
UNI EN 15050 TRAVI DA PONTE

- Sezione Travi -

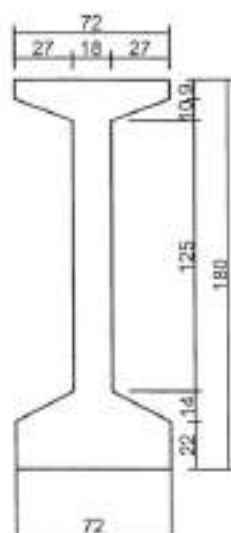
Produzione su pista con testate di tiro da 1400 t.



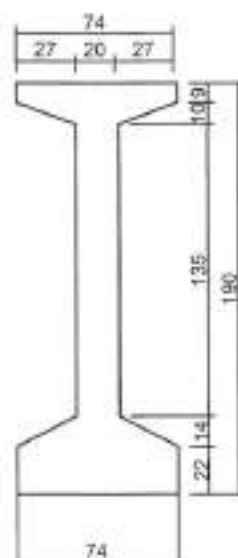
TRAVE H=140 cm.



TRAVE H=160 cm.



TRAVE H=180 cm.



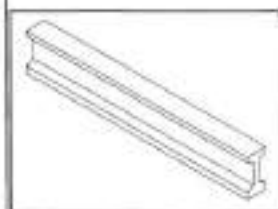
TRAVE H=190 cm.

SEZIONI DELLE TRAVI PIU' UTILIZZATE IN FUNZIONE DELLA LUNGHEZZA DELL'IMPALCATO DEL PONTE

H TRAVE (cm)	PESI (Kg/m)	LUNGHEZZA MASSIMA IMPALCATO fino a m	INTERASSE TRAVI MASSIMO (m)	MOMENTO MASSIMO DI ESERCIZIO Kgm
140	1106	25.00	1.80	340000
160	1172	30.00	1.80	430000
180	1391	35.00	2.10	550000
190	1531	40.00	2.10	640000

MATERIALI:

Cls	R ^{ck} 55 N/mm ²
Trefoli 0.6"	f _{ptk} 1860 N/mm ²
Acciaio	B450C



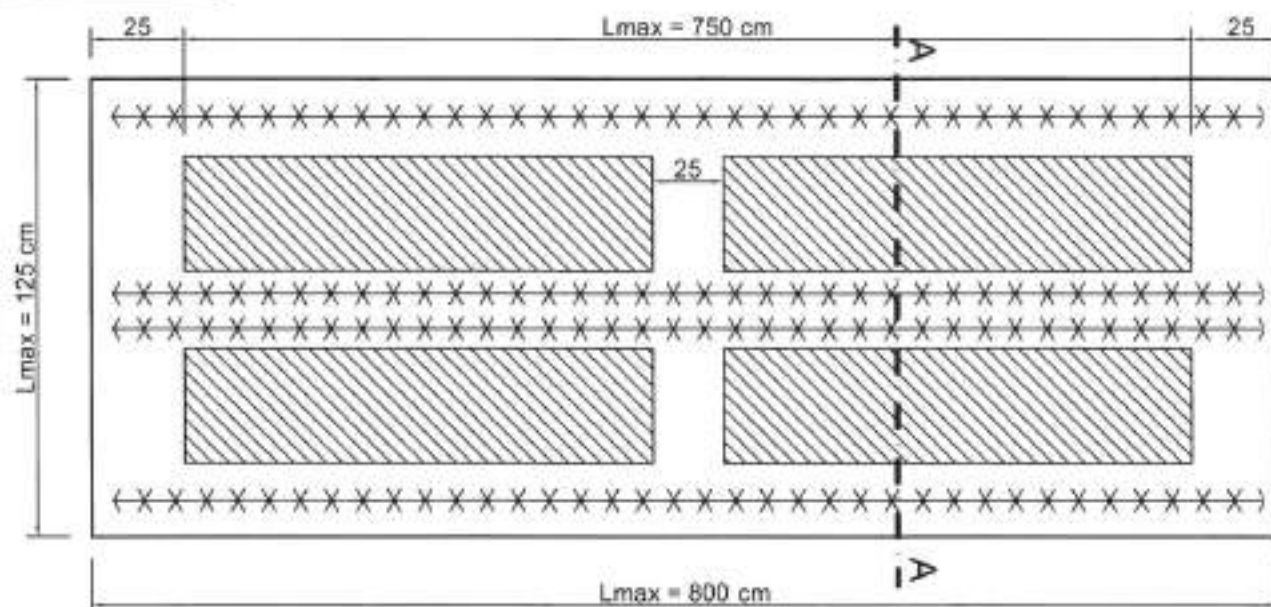
UNI EN 13747

Lastre tralicciate per solai

spessore lastra 20 ÷ 25 cm

spessore solaio 30 ÷ 35 cm

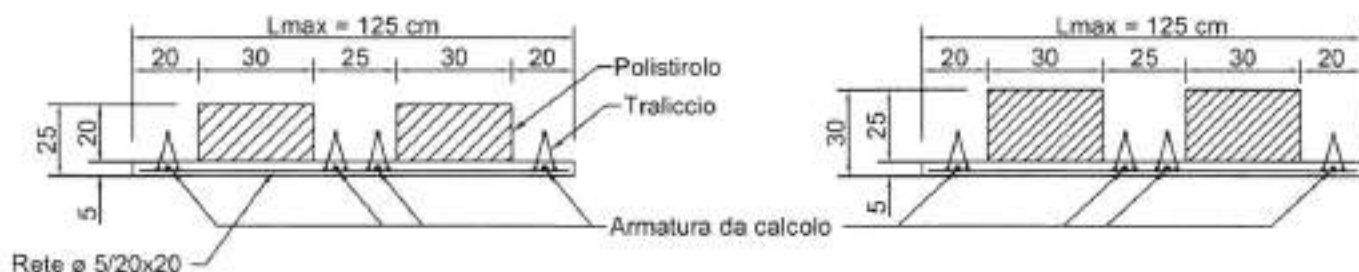
VISTA DALL'ALTO



SEZIONI TIPICHE

Sezione A-A'

Sezione A-A'



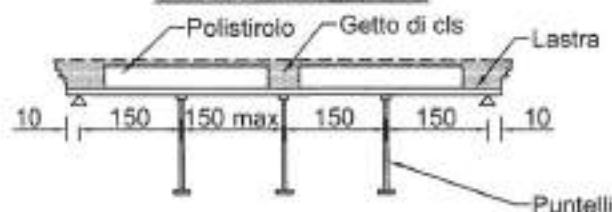
PESI

TIPOLOGIE LASTRA	PESO LASTRA	PESO SOLAIO
Lastre (5+20+5) = 30 cm	130 daN/m ²	510 daN/m ²
Lastre (5+25+5) = 35 cm	138 daN/m ²	575 daN/m ²

MATERIALI

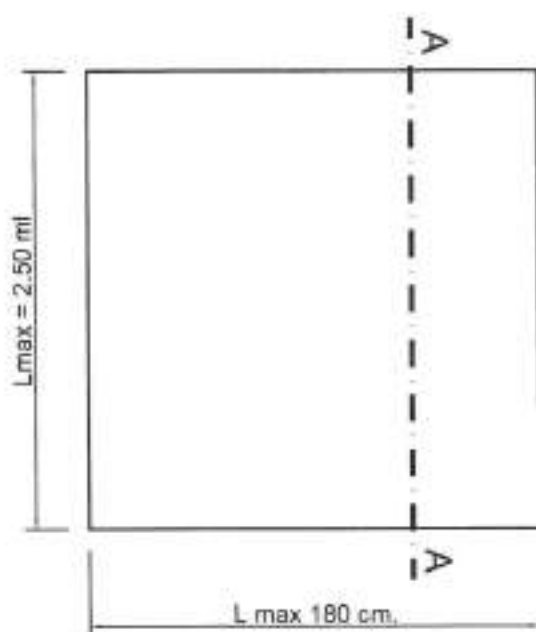
Cls	R'ck 45 N/mm ²
Acciaio	Barre B450C
	Reti e tralici B450A

INTERASSE PUNTELLI

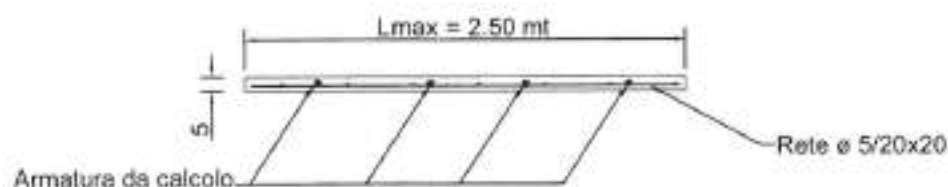


UNI EN 13747
Lastre semplici per impalcati da ponte
 spessore 5 cm

VISTA DALL'ALTO



Sezione A-A'

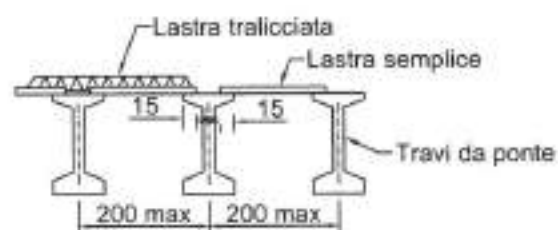


PESO LASTRE 125 daN/m²

MATERIALI

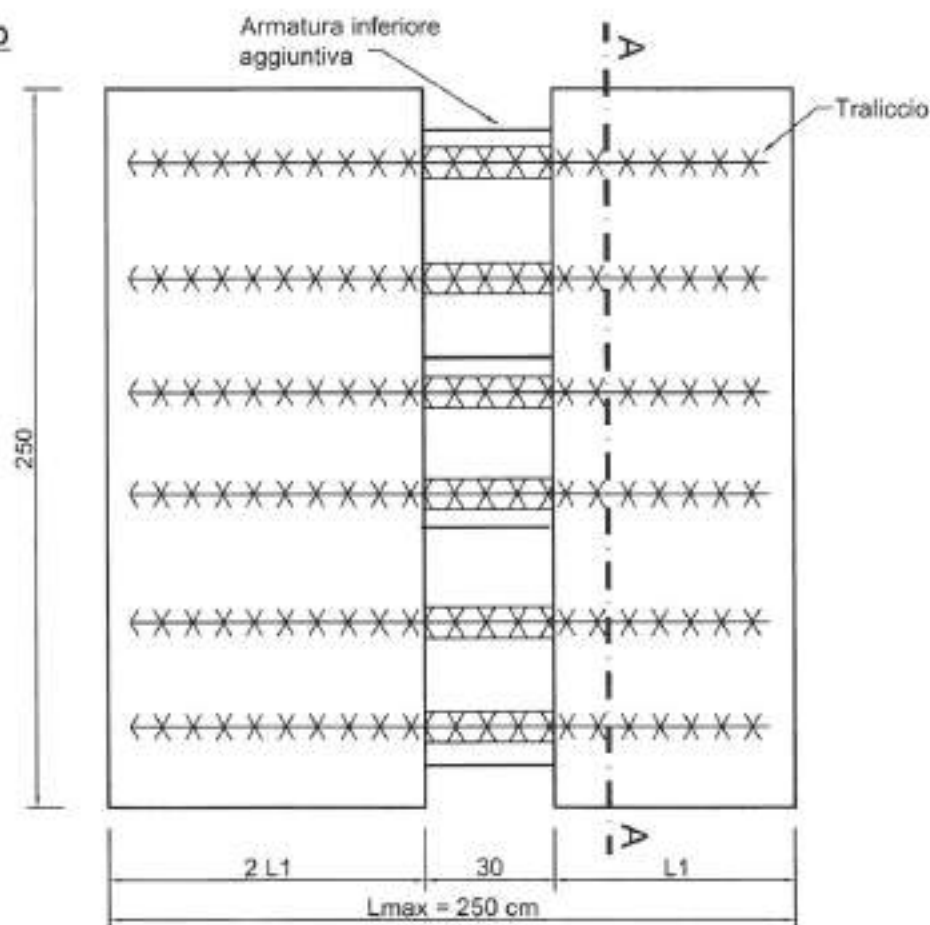
Cls	R'ck 45 N/mm ²	
Acciaio	Barre	B450C
	Reti e tralicci	B450A

SCHEMA APPOGGIO LASTRE

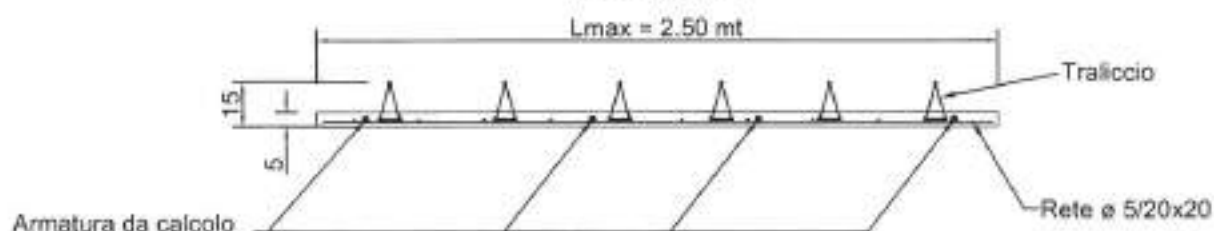


UNI EN 13747
Lastre tralicciate per impalcati da ponte
 spessore 5 cm

VISTA DALL'ALTO



Sezione A-A'



PESO LASTRE 125 daN/m²

MATERIALI

Cls	R'ck 45 N/mm ²	
Acciaio	Barre	B450C
	Reti e tralicci	B450A

SCHEMA APPOGGIO LASTRE



Barriera stradale in c.a.v. **- Tipo NEW JERSEY -**

