



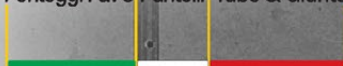
TRAVE IN LEGNO H20 SUPER

WOOD BEAM H20 SUPER



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Ponteggi Fav 3 Puntelli Tubo & Giunto



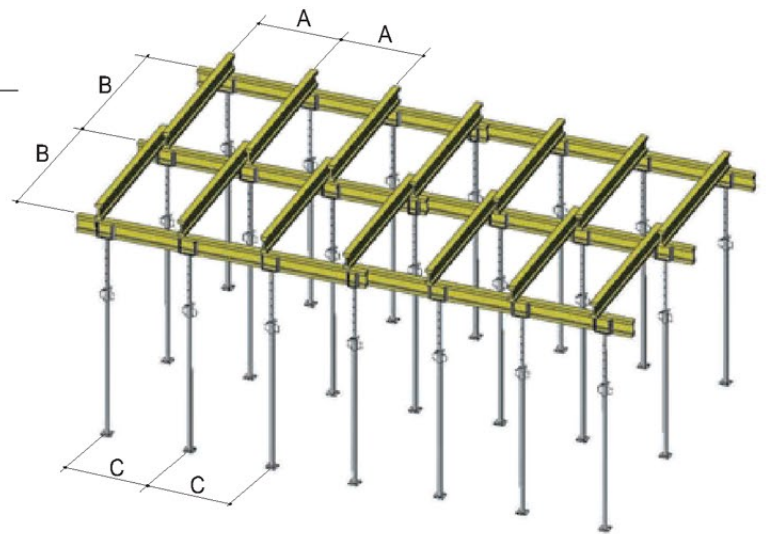
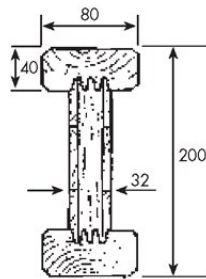
TRAVI A DOPPIO T CON ANIMA PIENA PER ORDITURA DEI SOLAI

DOUBLE "T" WOODEN BEAMS FOR DECK FORMWORK

Tabella di utilizzo travi e azione assiale sul puntello / Utilizing schedule of beams and axial action on prop

Soletta decking S [m]	Carico load [kN/m2]	Orditura secondaria interasse travi [m] A Secondary structure axial distance between beams [m] A				Orditura primaria interasse travi [m] B Primary structure axial distance between beams [m] B							
		0,40	0,50	0,60	0,70	1,00	1,25	1,50	1,75	2,00	2,25	2,50	3,00
		Orditura secondaria luceadm [m] Secondary span structureadm [m]				Orditura primaria luceadm [m] = Distanza puntelli C (azione verticale sul puntello in kN) Primary span structureadm [m] = Distance between props C (prop vertical action in kN)							
	3,00	3.80	3.50	3.30	3.10	2.80 (8.40)	2.59 (9.71)	2.44 (10.98)	2.32 (12.18)	2.22 (13.32)	2.13 (14.38)	2.06 (15.45)	1.94 (17.46)
	3,50	3.60	3.30	3.10	3.00	2.66 (9.31)	2.46 (10.76)	2.32 (12.18)	2.20 (13.48)	2.11 (14.78)	2.02 (15.91)	1.96 (17.15)	1.84 (19.32)
	4,00	3.40	3.20	3.00	2.80	2.54 (10.16)	2.36 (11.80)	2.22 (13.32)	2.11 (14.77)	2.01 (16.08)	1.94 (17.46)	1.87 (18.70)	1.76 (21.12)
	4,50	3.30	3.00	2.90	2.70	2.44 (10.98)	2.27 (12.78)	2.13 (14.39)	2.02 (15.91)	1.94 (17.46)	1.86 (18.83)	1.80 (20.25)	1.62 (21.87)
	5,00	3.20	2.90	2.80	2.60	2.36 (11.80)	2.19 (13.25)	2.06 (15.45)	1.96 (17.15)	1.87 (18.70)	1.80 (20.25)	1.74 (21.75)	1.46 (21.90)
0.14	5,50 *	3.10	2.80	2.70	2.50	2.28 (12.54)	2.12 (14.58)	1.99 (16.43)	1.89 (18.20)	1.81 (19.92)	1.74 (21.53)	1.60 (22.00)	1.33 (21.95)
	6,00	3.00	2.80	2.60	2.50	2.22 (13.32)	2.10 (15.75)	1.94 (17.46)	1.84 (19.32)	1.76 (21.12)	1.62 (21.87)	1.46 (21.90)	1.22 (21.96)
0.16	6,10 *	3.00	2.78	2.60	2.48	2.21 (13.48)	2.05 (15.63)	1.93 (17.65)	1.83 (19.53)	1.75 (21.35)	1.60 (21.96)	1.44 (21.96)	1.20 (22.00)
	6,50	2.90	2.70	2.50	2.40	2.16 (14.04)	2.00 (16.25)	1.89 (18.44)	1.79 (20.37)	1.69 (21.98)	1.50 (21.94)	1.35 (21.95)	1.12 (21.84)
0.18	6,60 *	2.90	2.70	2.50	2.40	2.15 (14.19)	1.99 (16.41)	1.88 (18.61)	1.78 (20.55)	1.66 (21.91)	1.48 (21.98)	1.33 (21.95)	1.11 (21.98)
	7,00	2.80	2.60	2.50	2.30	2.11 (14.77)	1.96 (17.15)	1.84 (19.32)	1.75 (21.44)	1.57 (21.98)	1.39 (21.89)	1.25 (21.88)	1.04 (21.84)
0.20	7,10 *	2.80	2.60	2.50	2.30	2.10 (14.91)	1.95 (17.31)	1.83 (19.49)	1.74 (21.62)	1.54 (21.86)	1.38 (22.00)	1.24 (22.00)	1.03 (22.00)
	7,50	2.80	2.60	2.40	2.30	2.06 (15.45)	1.91 (17.91)	1.80 (20.25)	1.67 (21.91)	1.46 (21.90)	1.30 (21.94)	1.17 (21.95)	0.97 (21.82)
0.22	7,60 *	2.78	2.58	2.40	2.30	2.05 (15.58)	1.90 (18.05)	1.79 (20.41)	1.65 (22.00)	1.44 (21.88)	1.28 (21.89)	1.15 (21.85)	0.96 (22.00)
	8,00	2.70	2.50	2.40	2.20	2.01 (16.08)	1.87 (18.70)	1.76 (21.12)	1.57 (21.98)	1.37 (21.92)	1.22 (21.96)	1.10 (22.00)	0.91 (21.84)
0.24	8,10 *	2.70	2.50	2.40	2.20	2.01 (16.28)	1.86 (18.83)	1.75 (21.26)	1.55 (21.97)	1.35 (21.87)	1.20 (21.87)	1.08 (21.87)	0.90 (21.87)
	8,50	2.60	2.50	2.30	2.20	1.97 (16.75)	1.83 (19.45)	1.72 (21.93)	1.47 (21.86)	1.29 (21.92)	1.14 (21.80)	1.03 (21.88)	0.86 (21.93)
0.26	8,70 *	2.60	2.47	2.30	2.20	1.96 (17.05)	1.82 (19.79)	1.68 (21.92)	1.44 (21.92)	1.26 (21.92)	1.12 (21.92)	1.01 (21.97)	0.84 (21.92)
	9,00	2.60	2.40	2.30	2.10	1.94 (17.46)	1.80 (20.25)	1.62 (21.87)	1.40 (22.05)	1.22 (21.96)	1.07 (21.87)	0.97 (21.82)	0.81 (21.87)
0.28	9,20 *	2.60	2.40	2.30	2.10	1.92 (17.66)	1.78 (20.47)	1.59 (21.94)	1.36 (21.90)	1.19 (21.90)	1.06 (21.94)	0.95 (21.85)	0.79 (21.80)
	9,50	2.50	2.40	2.20	2.10	1.90 (18.05)	1.77 (21.03)	1.54 (21.95)	1.32 (21.95)	1.15 (21.85)	1.02 (21.80)	0.92 (21.85)	0.77 (21.95)
0.30	9,80 *	2.50	2.37	2.20	2.10	1.88 (21.43)	1.75 (21.43)	1.49 (21.90)	1.28 (21.95)	1.12 (21.95)	0.99 (21.83)	0.89 (21.81)	0.74 (21.76)
	10,00	2.50	2.30	2.20	2.10	1.87 (21.70)	1.74 (21.75)	1.46 (21.90)	1.25 (21.88)	1.10 (22.00)	0.97 (21.83)	0.88 (22.00)	0.73 (21.90)
0.40	12,90 *	2.30	2.17	2.04	1.94	1.70 (21.93)	1.36 (21.93)	1.13 (21.86)	0.96 (21.67)	0.85 (21.93)	0.75 (21.77)	0.68 (21.93)	0.56 (21.67)
0.50	16,00 *	2.17	2.01	1.90	1.80	1.37 (21.92)	1.10 (22.00)	0.91 (21.84)	0.78 (21.84)	0.68 (21.76)	0.61 (21.96)	0.55 (22.00)	0.45 (21.60)

Peso: 5 Kg/m
 Weight:
 Modulo elastico: $E = 1030 \text{ kN/cm}^2$
 Modulus of elasticity:
 Momento d'inerzia: $J = 4383 \text{ cm}^4$
 Moment of inertia:
 Sforzo di taglio Ammissibile: $Q = 11.0 \text{ kN}$
 Allowable shear force:
 Momento flettente ammissibile: $M = 5.0 \text{ kNm}$
 Allowable bending moment:



*** ANALISI DEI CARICHI: Secondo DIN 4421**

Peso proprio cassero $g = 0.40 \text{ kN/m}^2$
 Carico calcestruzzo $P_{cls} = 26 \text{ kN/m}^3$
 Carico variabile $P_{acc} = 0.20 \times P_{cls}$
 (1.5 kN/m² > P_{acc} < 5.0 kN/m²)
 Carico totale $Q_t = g + P_{cls} + P_{acc}$

***LOADS ANALYSIS: According to DIN 4421**

Wall-form specific weight $g = 0.40 \text{ kN/m}^2$
 Concrete weight $P_{cls} = 26 \text{ kN/m}^3$
 Variable load $P_{acc} = 0.20 \times P_{cls}$
 (1.5 kN/m² > P_{acc} < 5.0 kN/m²)
 Total load $Q_t = g + P_{cls} + P_{acc}$



Cavalletto zincato per puntelli
 Hot dip galvanized tripod for props



Forca a 4 punte zincata
 4-ways fork, hot dip galvanized



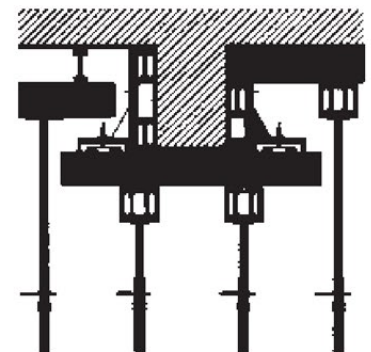
Arresto di testa zincato
 Ended fork, hot dip galvanized



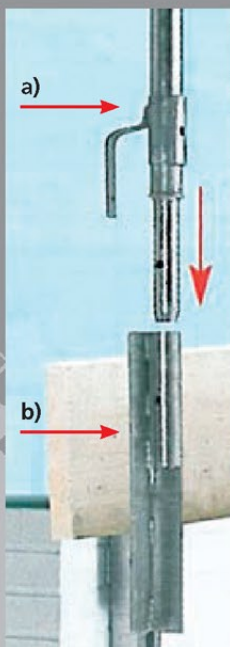
Mensole per travi ribassate con elemento di rialzo
 Bracket for lowered beams with extension



Angolare per tamponamento solai
 Ended angle element for slabs



Esempio di armo solai con trave ribassata
 Example of slab by means of lowered beam



- a) Parapetto per mensola zincato
Post rail for bracket, hot dip galvanized
- b) Binario di contenimento zincato
Formwork rail, hot dip galvanized



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CLIP BREVETTATO DI BLOCCAGGIO PER TRAVI H 20



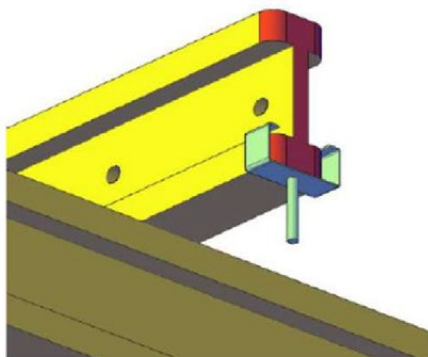
Il blocco per le travi H20 viene utilizzato per bloccare ciascuna estremità delle travi secondarie superiori con le travi primarie inferiori.



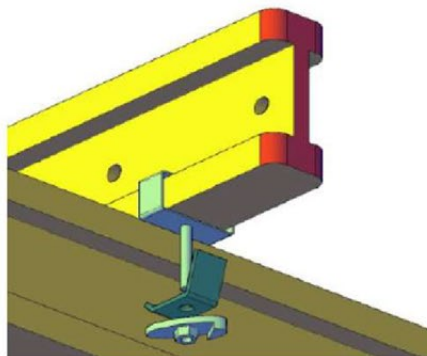


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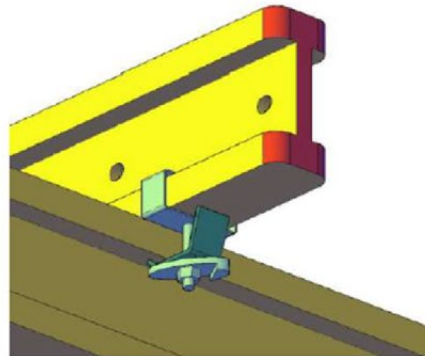
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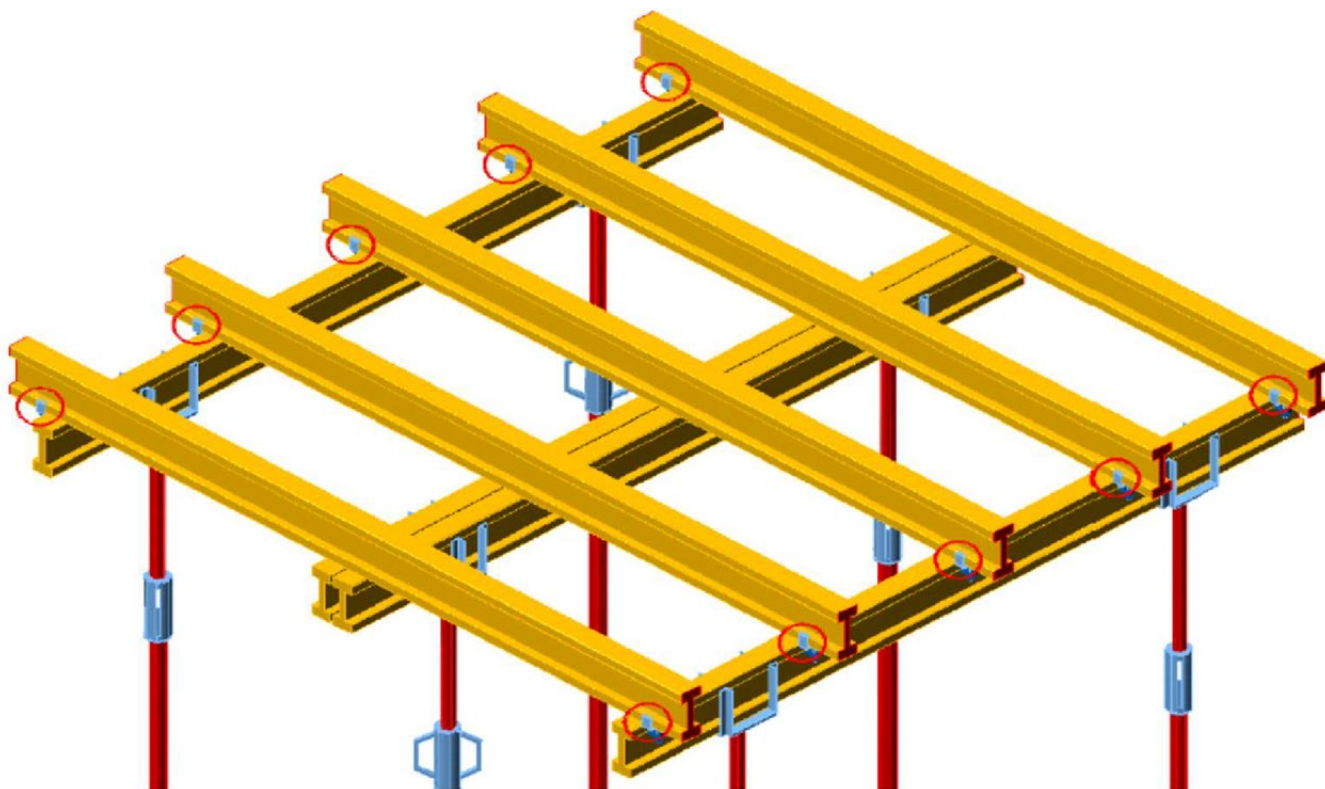
Inserire la sorgente a C sulla testa della trave superiore.



Far scorrere la forcella a C sulla trave inferiore, inserire la pinza e fissarla con il dado.



Ripeti sull'altra estremità della trave superiore.



*È necessario inserire due blocchi per ciascuna trave superiore.
Le travi superiori risultano ben fissate alle travi laterali inferiori.
Le travi inferiori intermedie lavorano in appoggio.*