

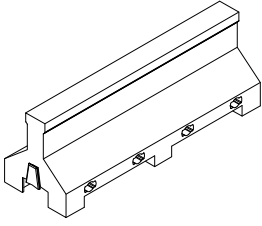
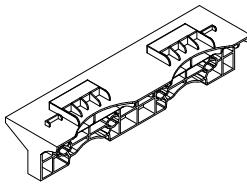
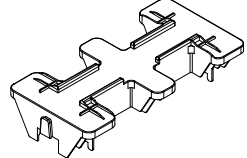
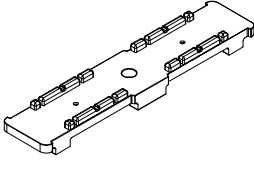
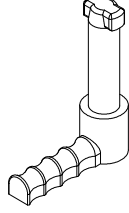

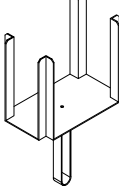
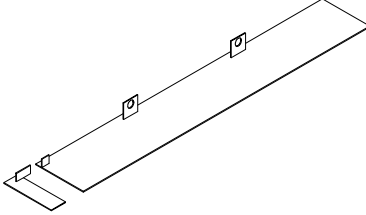
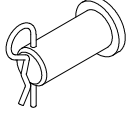
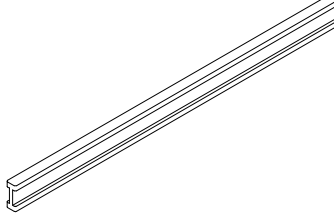
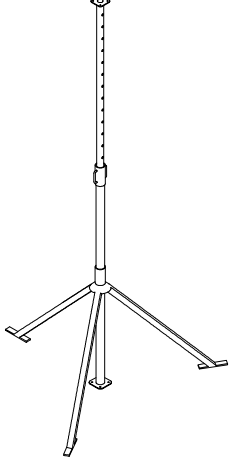


GEOSKY



MANUALE TECNICO 
TECHNICAL MANUAL 

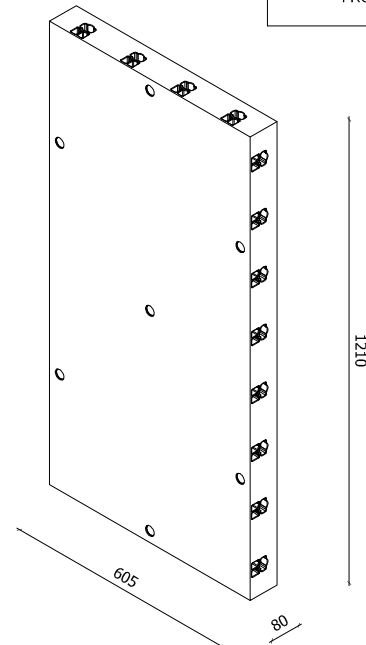
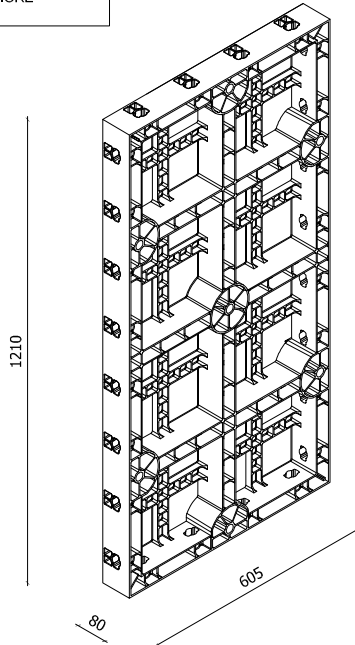
PAG. 2	LIST OF COMPONENTS - LISTA COMPONENTI
PAG. 4	GEOSKY H-Y SYSTEM ASSEMBLING - ASSEMBLAGGIO SISTEMA GEOSKY H-Y
PAG. 8	PANELS DISPOSITION - DISPOSIZIONE PANNELLI
PAG. 8	PROPS DISPOSITION - DISPOSIZIONE PUNTELLI
PAG. 9	GEOSKY H-Y SYSTEM DISMANTLING - DISARMO SISTEMA GEOSKY H-Y
PAG. 11	DISMANTLING REQUIREMENTS - PRESCRIZIONI DISARMO
PAG. 11	POST-PROPPING REQUIREMENTS - PRESCRIZIONI POST-PUNTELLAZIONE
PAG. 12	GEOSKY HS SYSTEM ASSEMBLING - ASSEMBLAGGIO SISTEMA GEOSKY HS
PAG. 15	PROPS DISPOSITION - DISPOSIZIONE PUNTELLI
PAG. 16	GEOSKY HS SYSTEM DISMANTLING - DISARMO SISTEMA GEOSKY HS
PAG. 18	DISMANTLING REQUIREMENTS - PRESCRIZIONI DISARMO
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PAG. 19	PERIMETRAL COMPENSATION WITH WP - COMPENSAZIONE PERIMETRALE CON WP
PAG. 19	PERIMETRAL WOOD COMPENSATION - COMPENSAZIONE PERIMETRALE IN LEGNO
PAG. 20	LOWER BEAM COMPENSATION WITH WP - COMPENSAZIONE TRAVE RIBASSATA CON WP
PAG. 20	LOWER BEAM WOOD COMPENSATION - COMPENSAZIONE TRAVE RIBASSATA IN LEGNO
PAG. 21	BOND BEAM COMPENSATION WITH WP - COMPENSAZIONE CORDOLO CON WP
PAG. 21	BOND BEAM WOOD COMPENSATION - COMPENSAZIONE CORDOLO IN LEGNO
PAG. 22	COLUMN COMPENSATION - COMPENSAZIONE COLONNA
PAG. 23	DILATATION PLATE WITH HS SYSTEM - PIASTRA DI DILATAZIONE CON SISTEMA HS
PAG. 24	DILATATION PLATE WITH H-Y SYSTEM - PIASTRA DI DILATAZIONE CON SISTEMA H-Y
PAG. 25	OPERATION AND MAINTENANCE REQUIREMENTS - PRESCRIZIONI DI USO E MANUTENZIONE
PAG. 25	SAFETY REQUIREMENTS - PRESCRIZIONI DI SICUREZZA

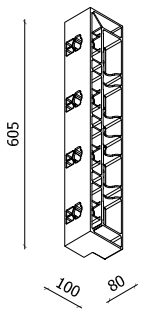
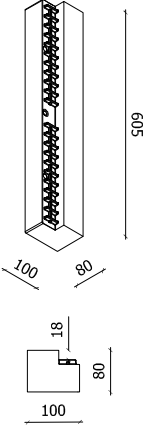
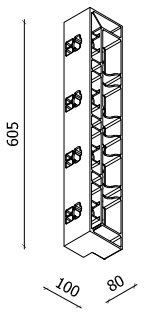
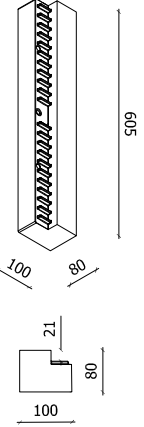
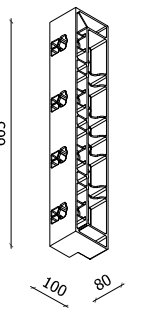
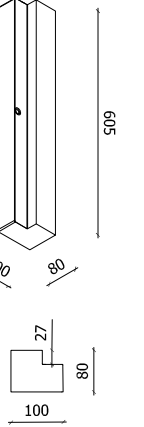
					
Y BEAM	TRAVETTO Y	WEDGE	CUNEO	H BEAM	TRAVETTO H
					
HS BEAM	TRAVETTO HS	HANDLE	MANIGLIA	CAP Ø 25mm	TAPPO Ø 25mm
					
DILATION PLATE AND Y DILATION PLATE	PIASTRA DI DILATAZIONE E PIASTRA Y DI DILATAZIONE	PIN Ø 24 WITH R-CLIP	PERNO Ø 24 CON COPIGLIA	H20 BEAM	TRAVE H20
					PROP AND TRIPOD
					PUNTELLO E TREPIEDE

GEOPANEL 120X60

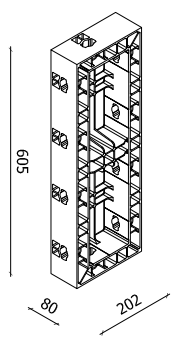
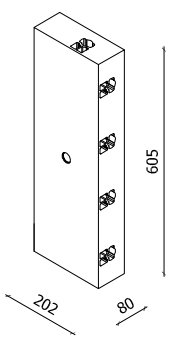
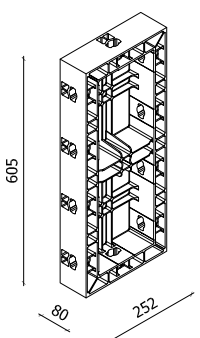
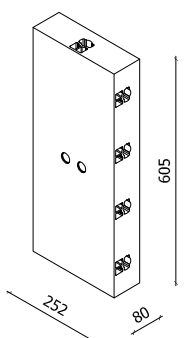
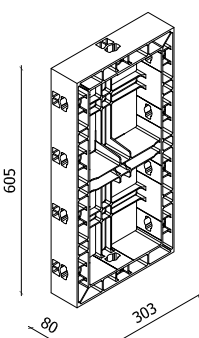
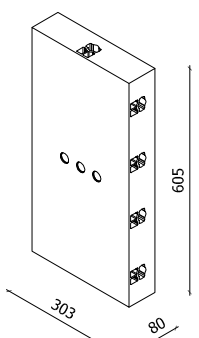
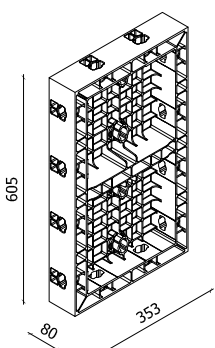
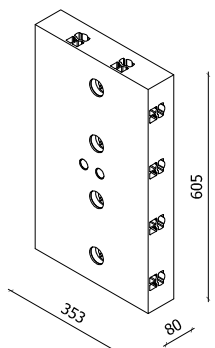
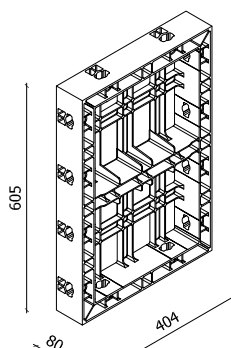
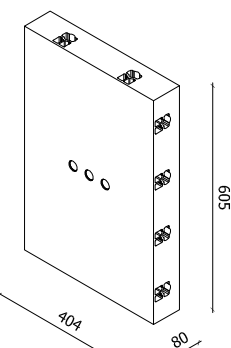
BACK VIEW / VISTA POSTERIORE

FRONT VIEW / VISTA ANTERIORE

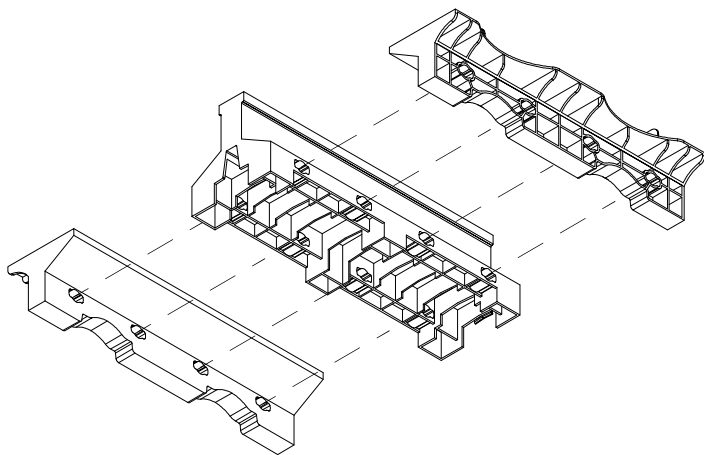


GEOPANEL WP 18		GEOPANEL WP 21		GEOPANEL WP 27	
					
BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE	BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE	BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE

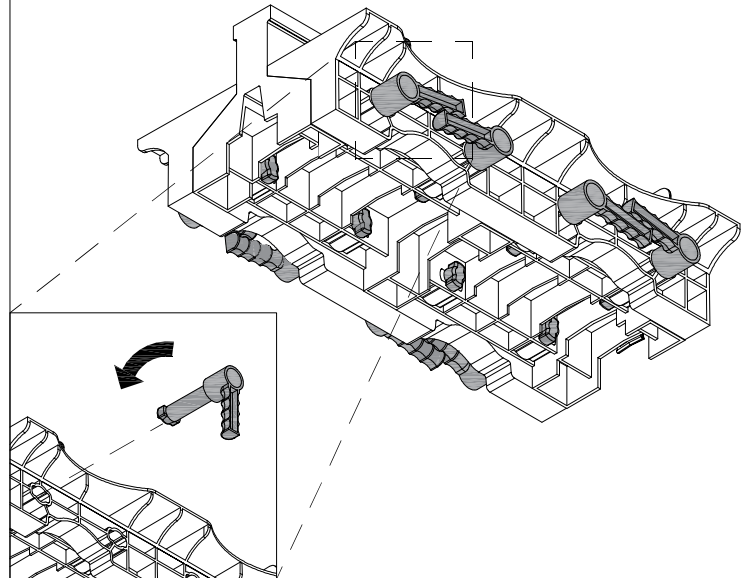
COMPENSATIONS - COMPENSAZIONI

GEOPANEL 20X60		GEOPANEL 25X60		GEOPANEL 30X60	
					
BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE	BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE	BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE
GEOPANEL 35X60		GEOPANEL 40X60			
					
BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE	BACK VIEW VISTA POSTERIORE	FRONT VIEW VISTA ANTERIORE		

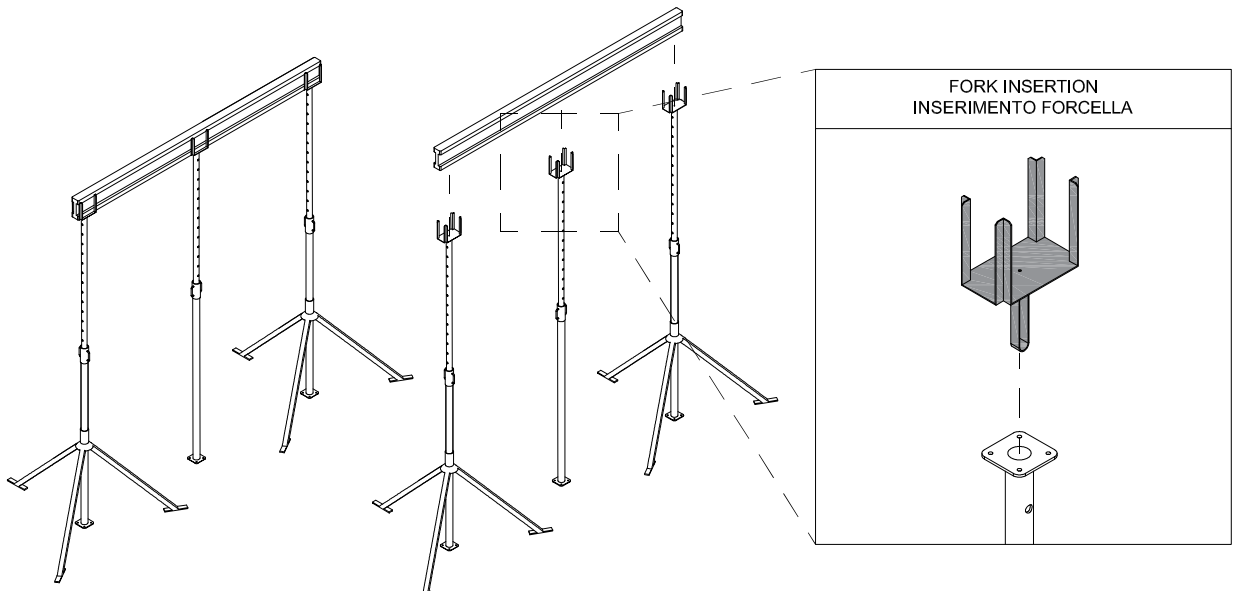
1. Y BEAM AND WEDGE ASSEMBLING
ASSEMBLAGGIO TRAVETTO Y E CUNEO



2. BEAMS FIXING WITH HANDLES
FISSAGGIO TRAVETTI CON MANIGLIE

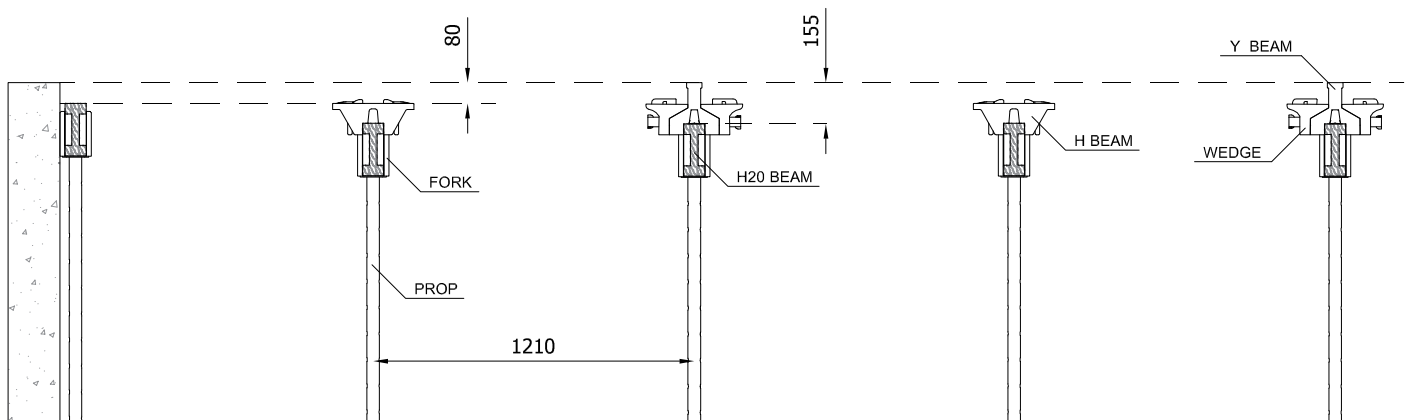


3. PROPS AND H20 BEAM INSTALLATION
INSTALLAZIONE PUNTELLI E TRAVE H20

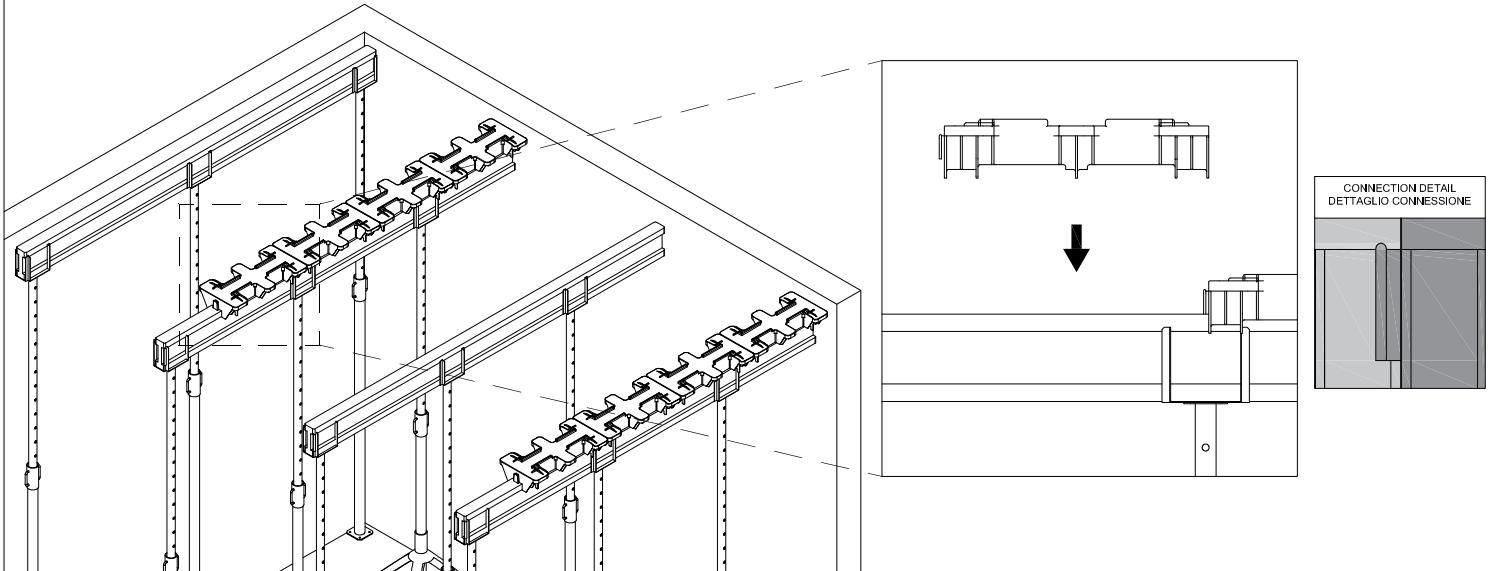


GENERAL BEAMS DISPOSITION
DISPOSIZIONE GENERALE DELLE TRAVI

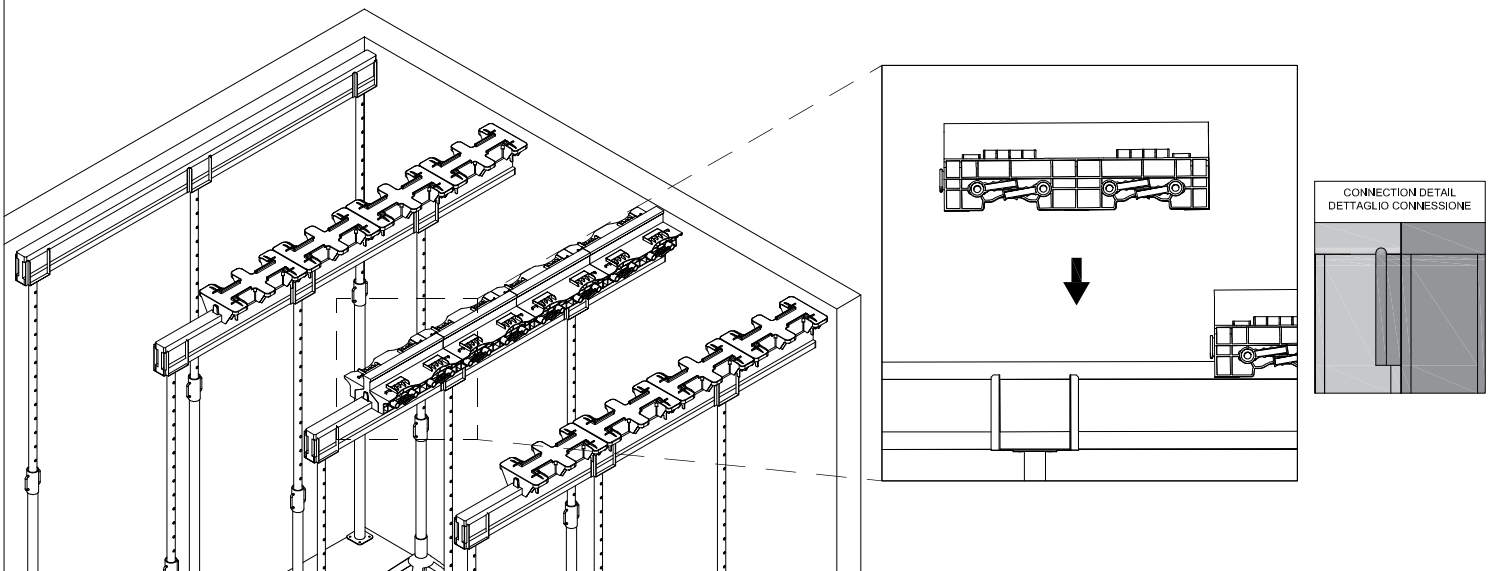
FRONT VIEW



4. H BEAMS INSTALLATION
 INSTALLAZIONE TRAVETTI H

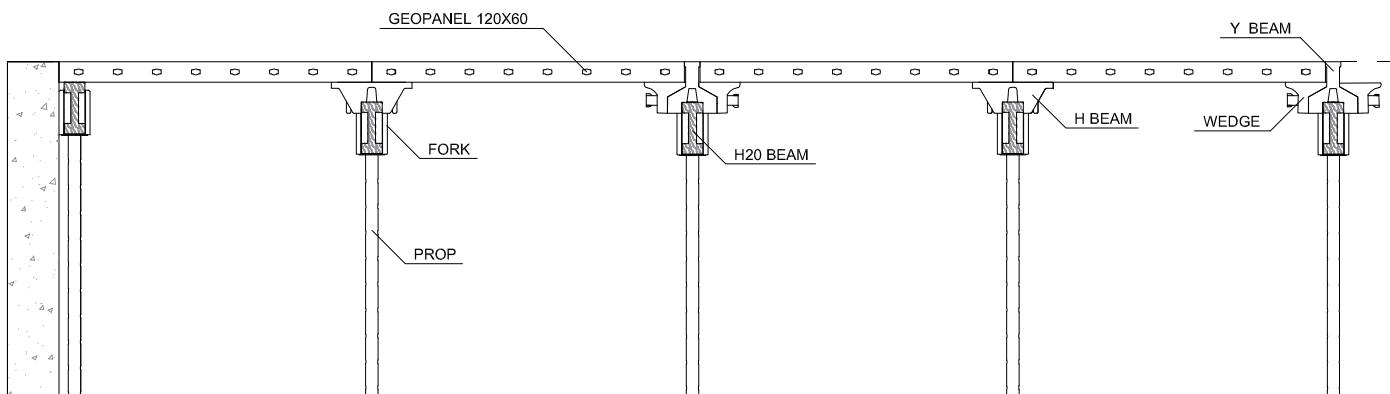


5. Y BEAMS AND WEDGES INSTALLATION
 INSTALLAZIONE TRAVETTI Y E CUNEI

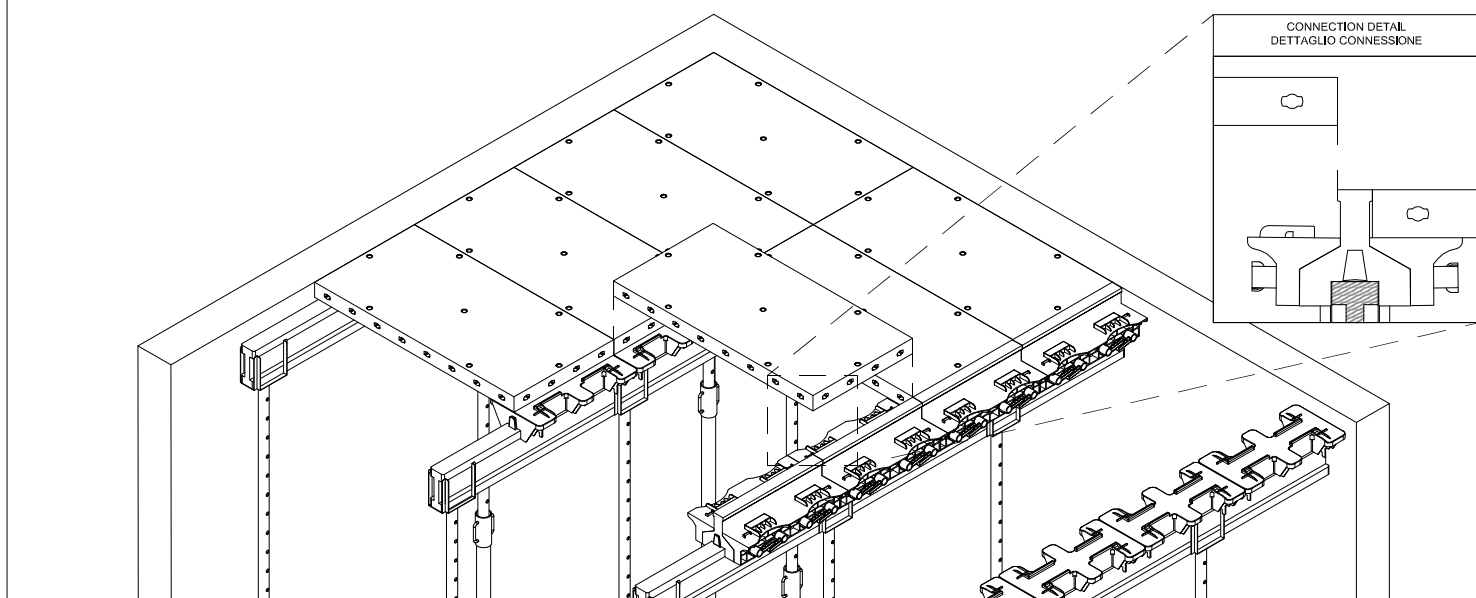


GENERAL PANELS DISPOSITION
 DISPOSIZIONE GENERALE DEI PANNELLI

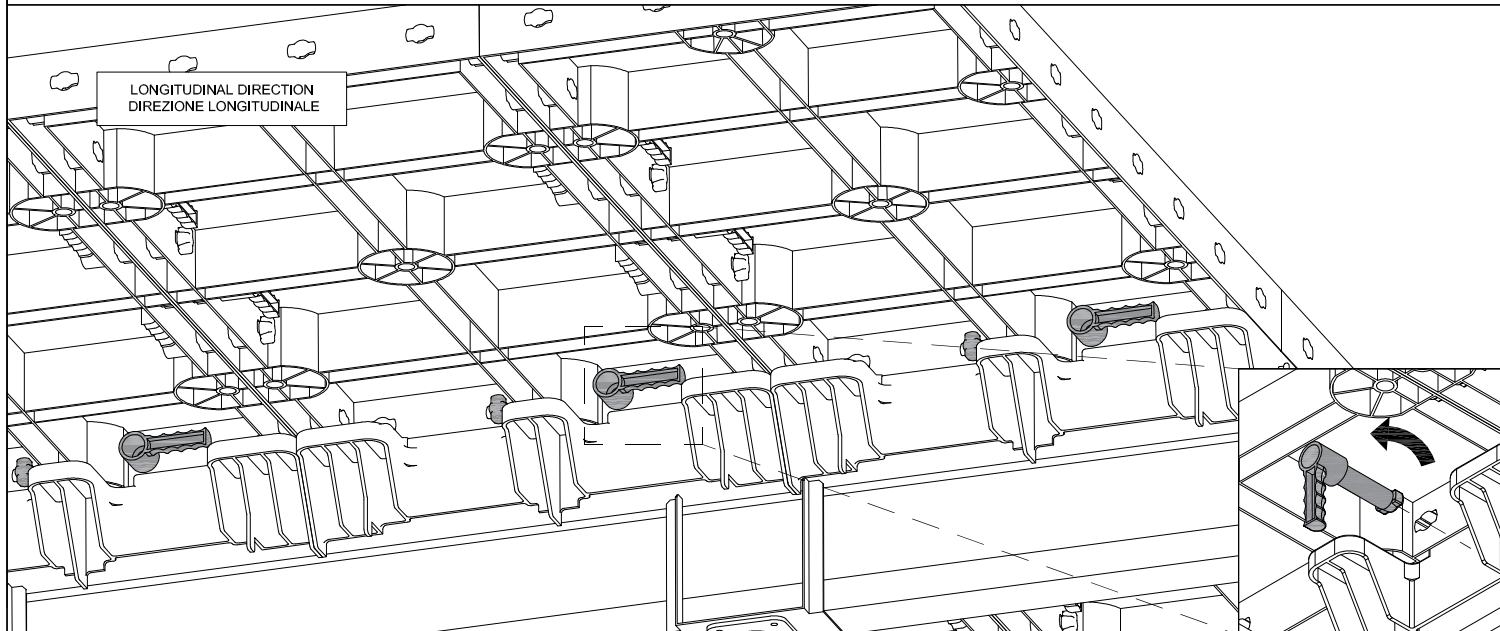
FRONT VIEW



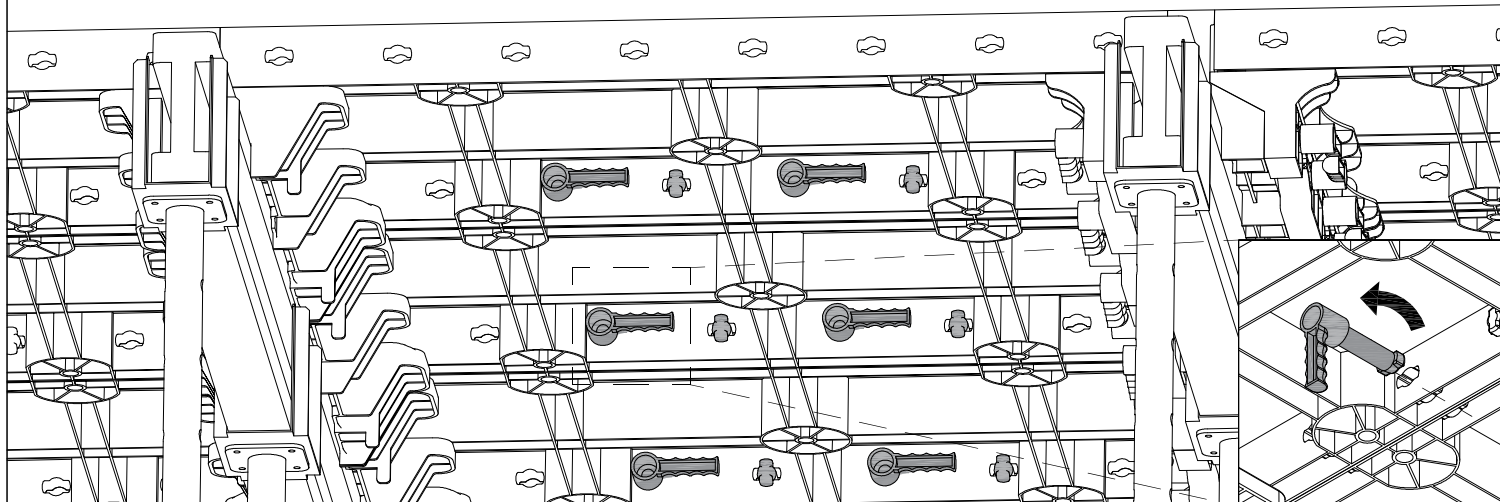
6. GEOPANEL 120X60 INSTALLATION
INSTALLAZIONE GEOPANEL 120X60



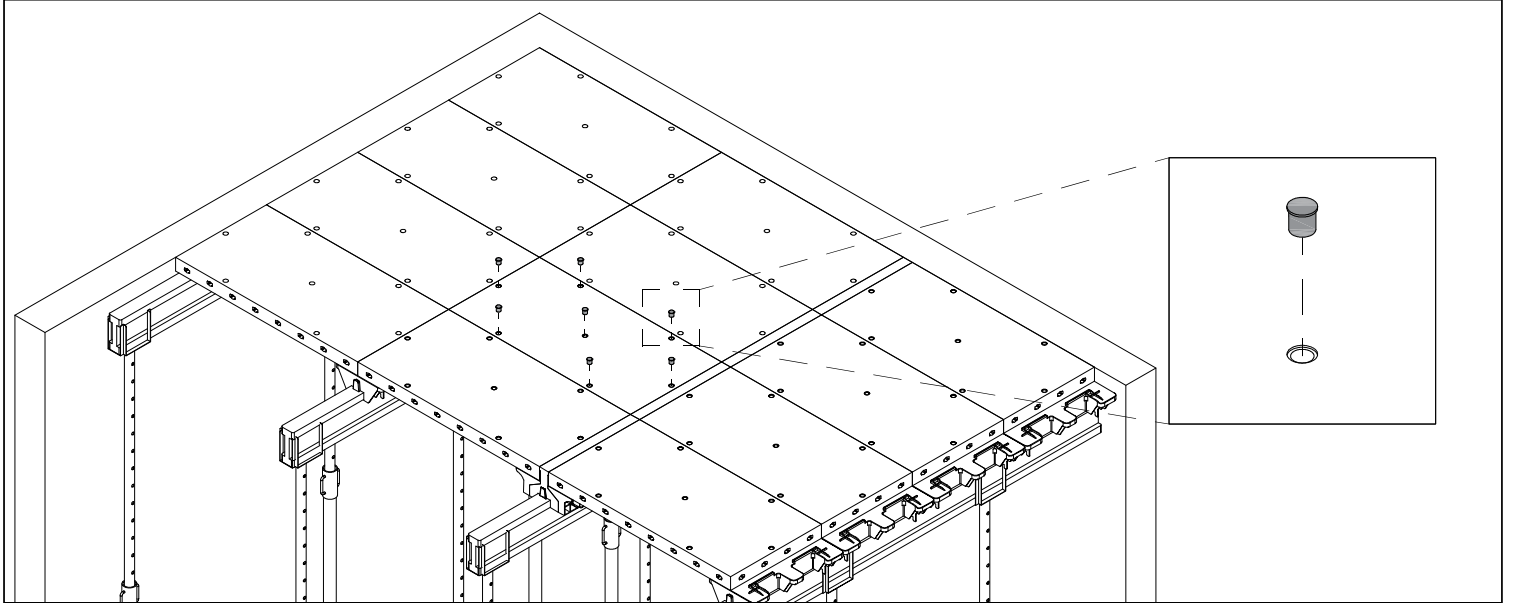
7. PANELS FIXING WITH HANDLES
FISSAGGIO PANNELLI CON MANIGLIE



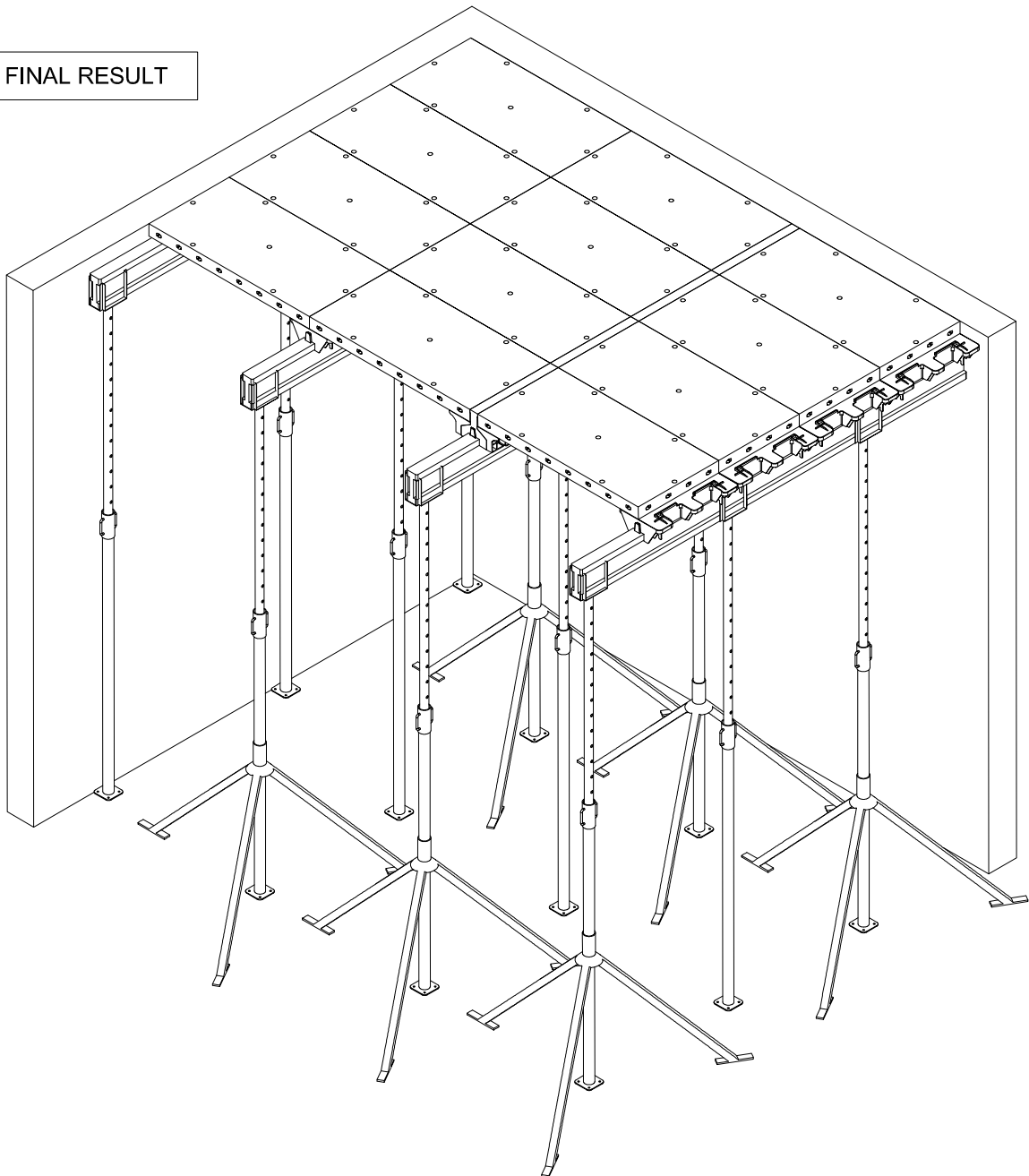
TRANSVERSAL DIRECTION
DIREZIONE TRASVERSALE



8. CAPS Ø 25mm INSTALLATION ON GEOPANEL 120X60
 INSTALLAZIONE TAPPI Ø 25mm NEI GEOPANEL 120X60

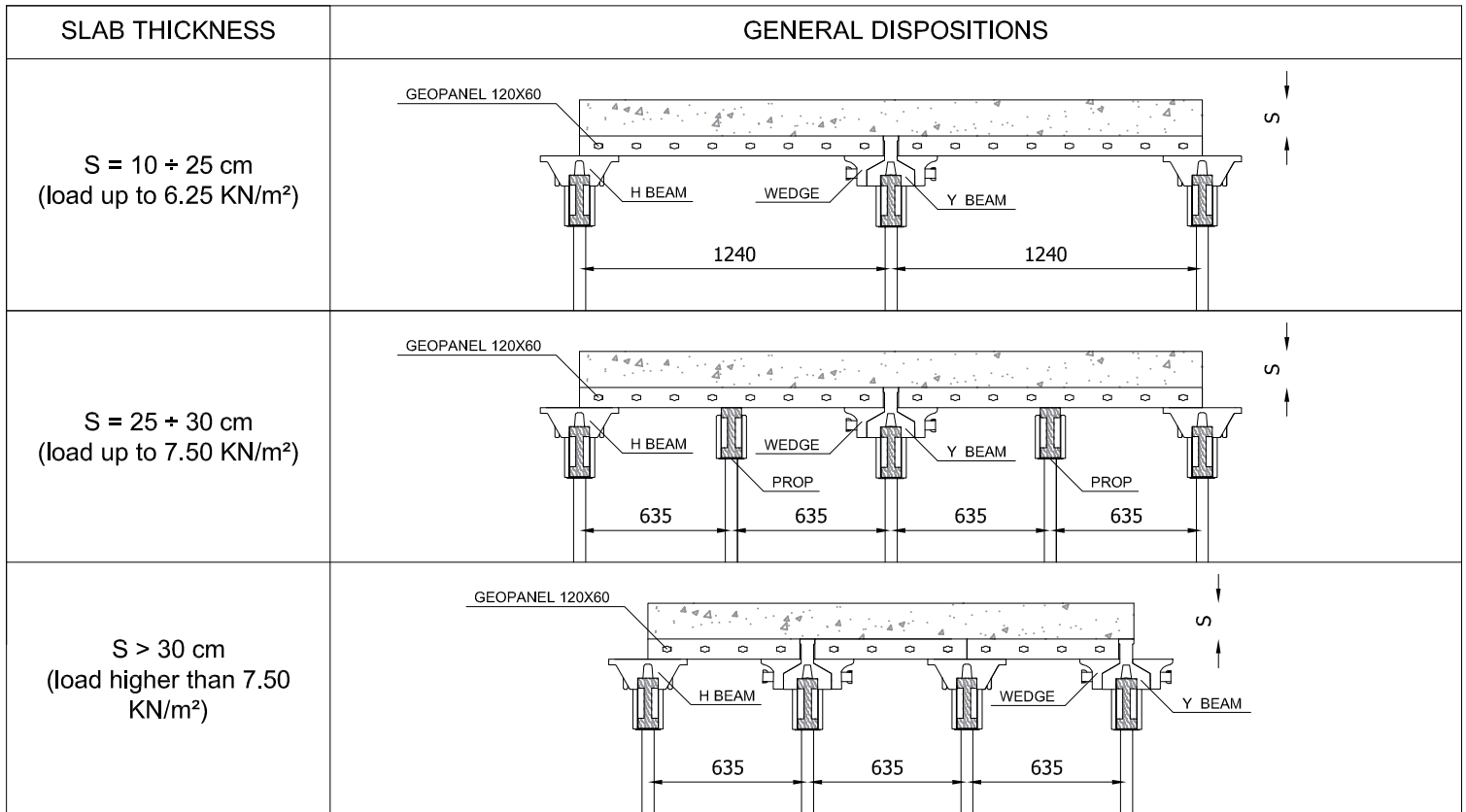


FINAL RESULT



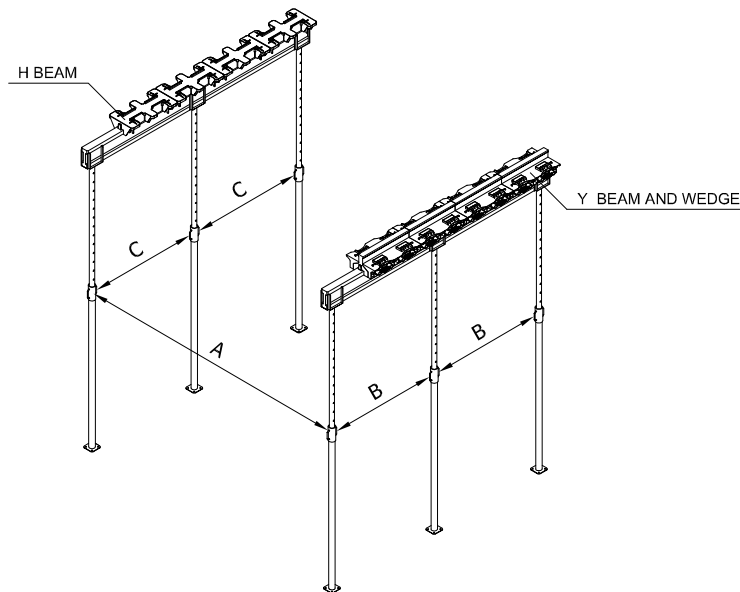
PANELS DISPOSITION

DISPOSIZIONE PANNELLI



PROPS DISPOSITION

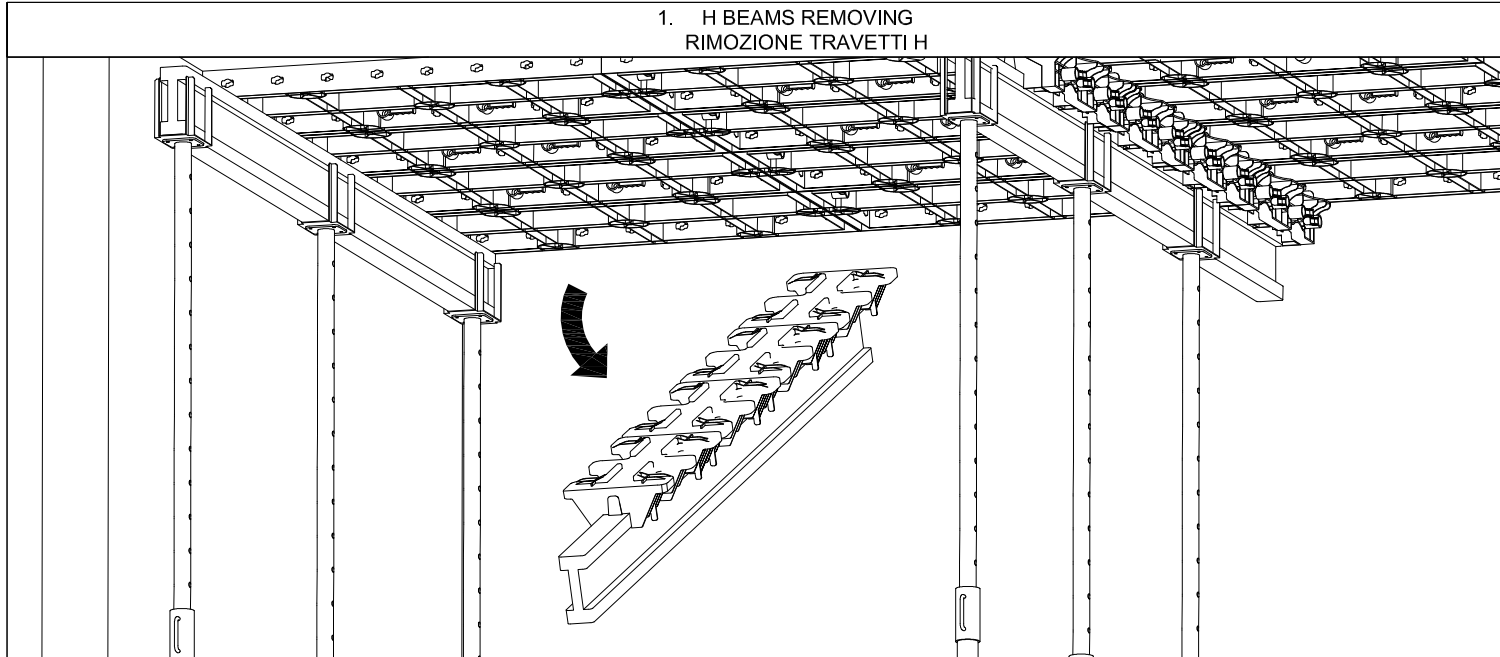
DISPOSIZIONE PUNTELLI



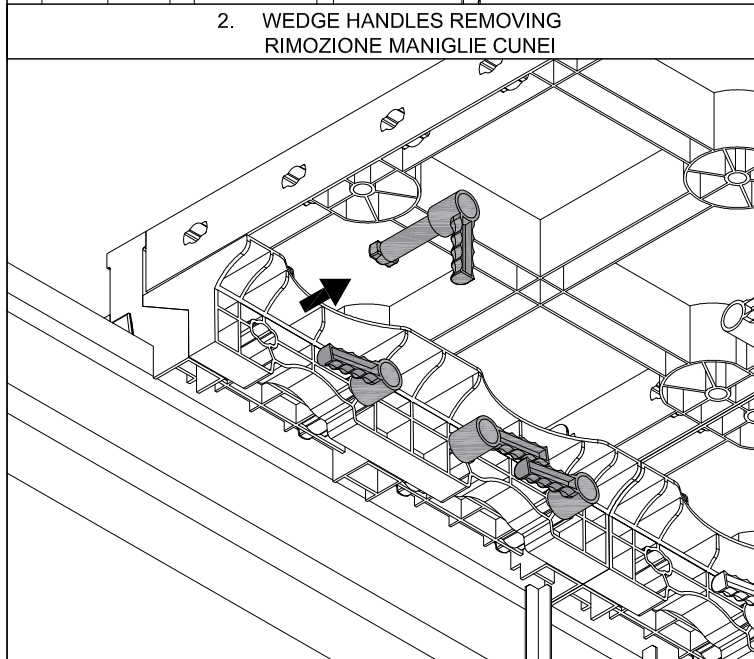
SLAB THICKNESS	S = 10 cm	S = 15 cm	S = 20 cm	S = 25* cm	S = 30 cm	S = 35 cm	S = 40 cm
A (cm)	124	124	124	124	63.5	63.5	63.5
B (cm)	200	160	140	130	180	160	140
C (cm)	180	180	180	220	180	180	160

* Installation of props with interaxis equals to 220 cm

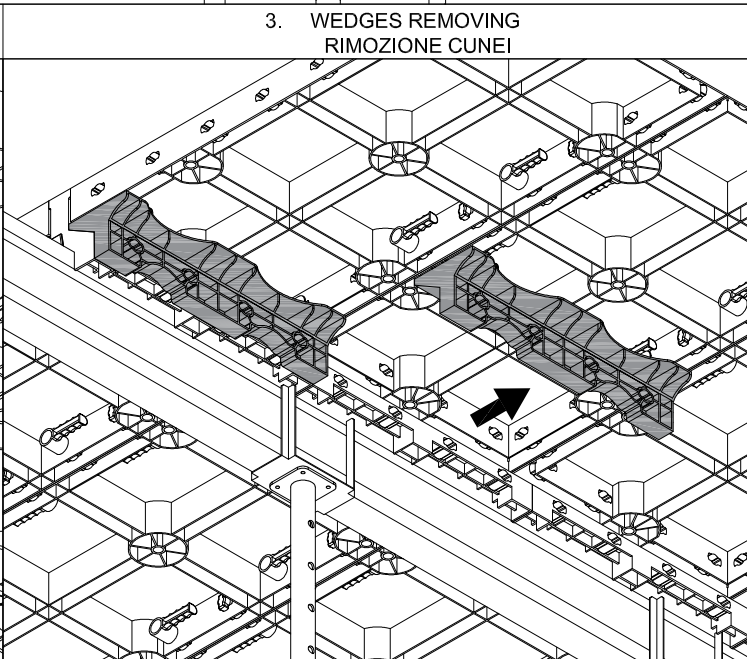
1. H BEAMS REMOVING
RIMOZIONE TRAVETTI H



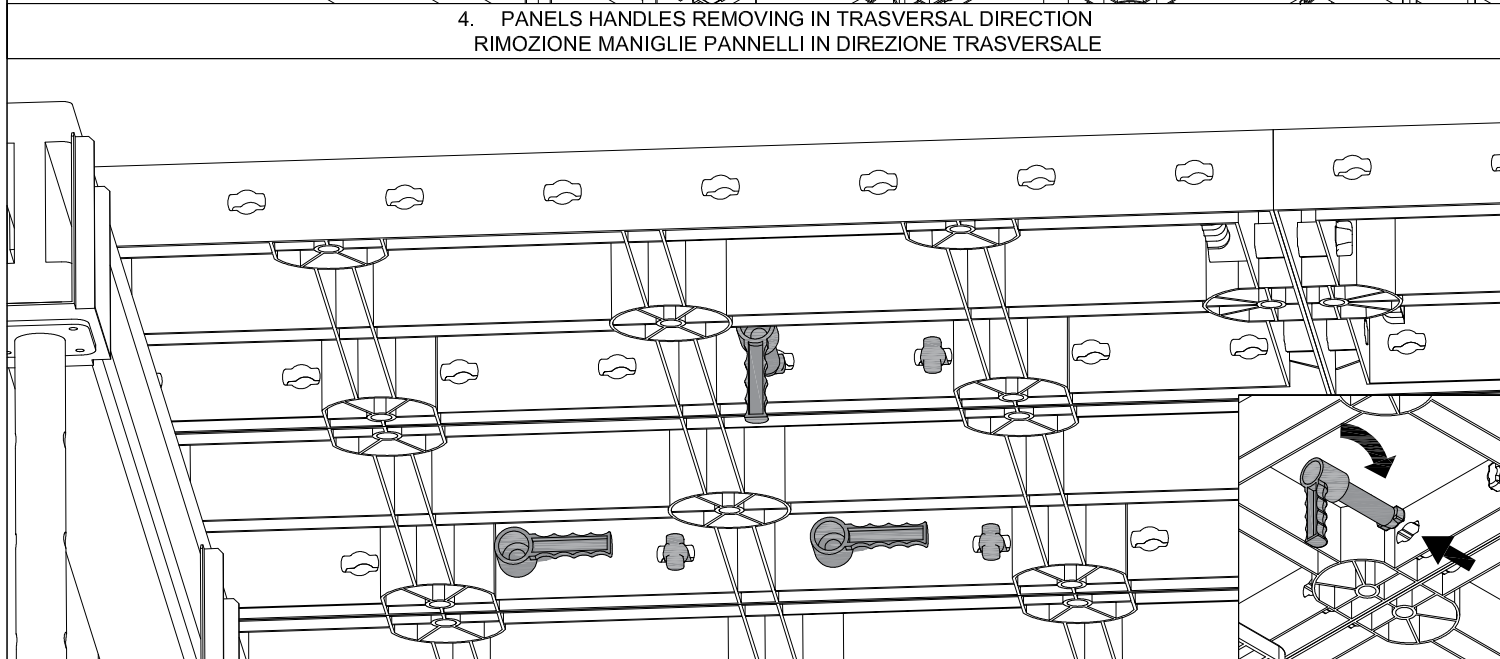
2. WEDGE HANDLES REMOVING
RIMOZIONE MANIGLIE CUNEI



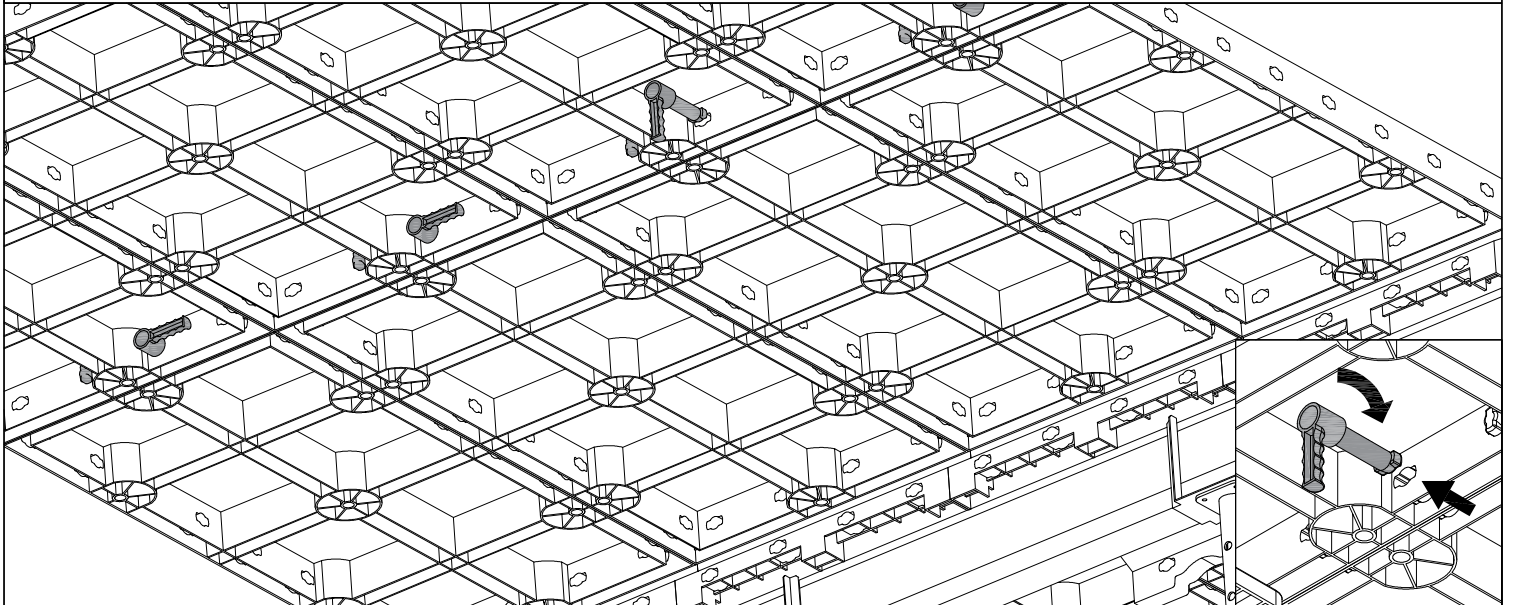
3. WEDGES REMOVING
RIMOZIONE CUNEI



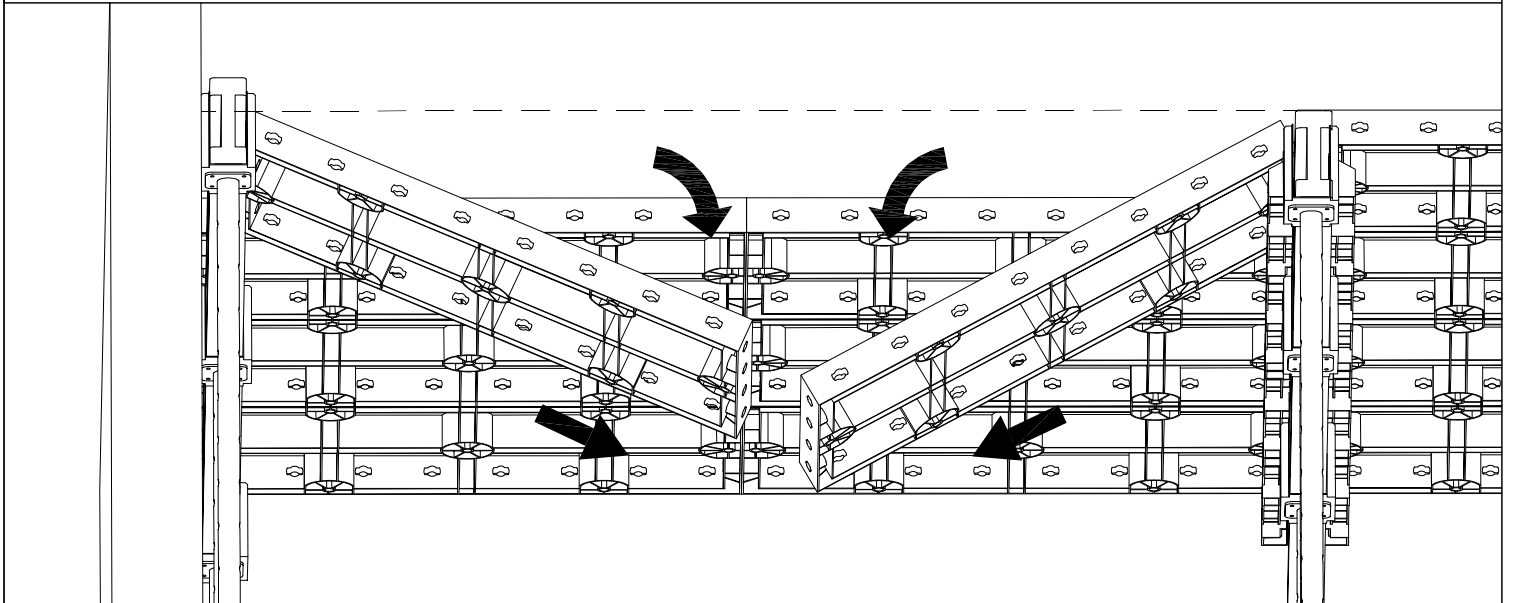
4. PANELS HANDLES REMOVING IN TRASVERSAL DIRECTION
RIMOZIONE MANIGLIE PANNELLI IN DIREZIONE TRASVERSALE



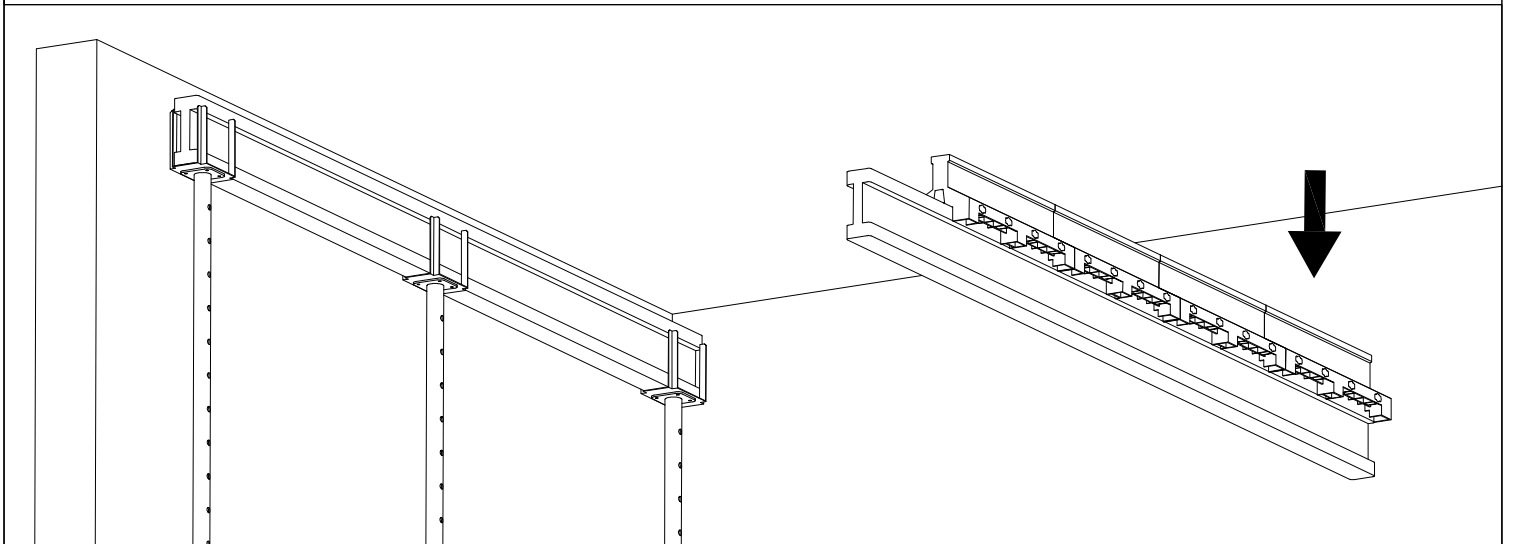
5. PANELS HANDLES REMOVING IN LONGITUDINAL DIRECTION
RIMOZIONE MANIGLIE PANNELLI IN DIREZIONE LONGITUDINALE



6. GEOPANEL 120X60 REMOVING
RIMOZIONE GEOPANEL 120X60

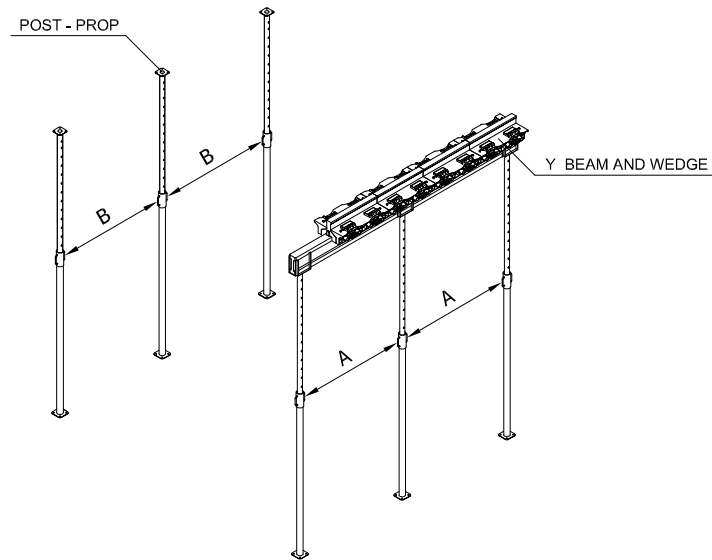


7. Y BEAMS REMOVING
RIMOZIONE TRAVETTI Y



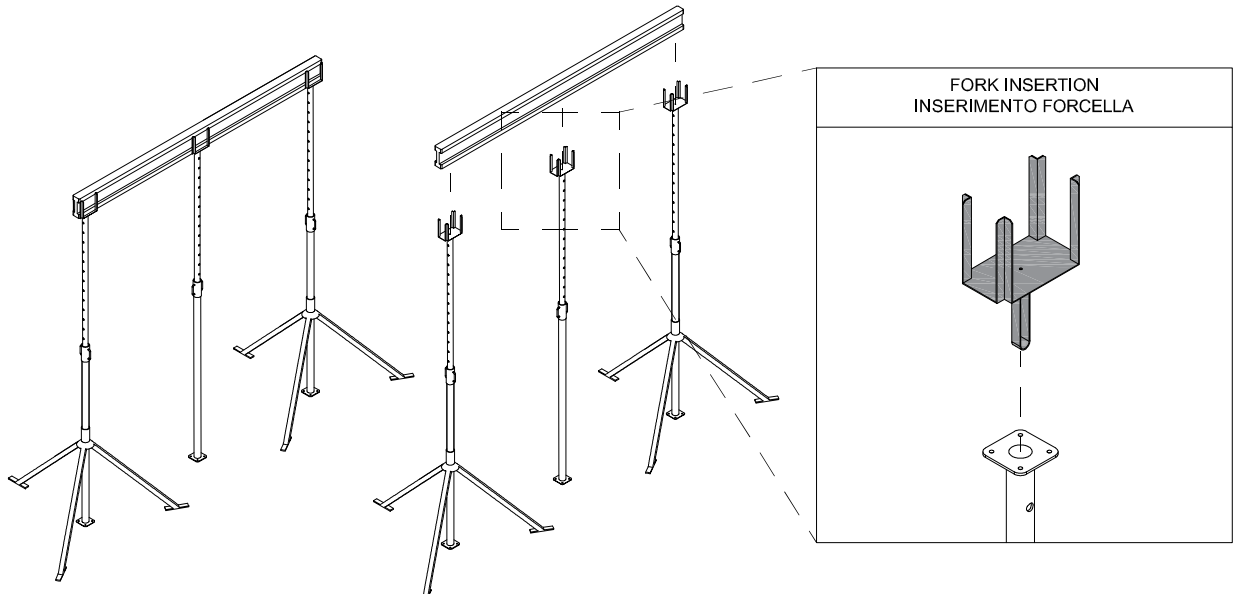
WARNING: THIS OPERATION MUST BE DONE WHEN THE CONCRETE CURING PHASE IS COMPLETED
ATTENZIONE: QUESTA OPERAZIONE DEVE ESSERE FATTA QUANDO LA FASE DI MATURAZIONE DEL CALCESTRUZZO E' COMPLETATA

DISMANTLING TIME		
TEMPERATURE	H BEAMS AND PANELS	Y BEAMS
20 °C	5 DAYS	28 DAYS



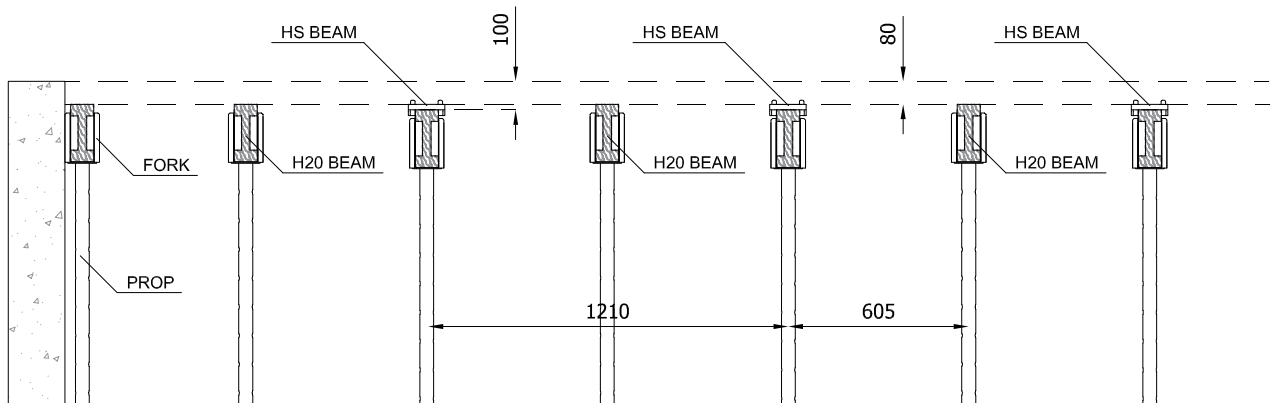
SLAB THICKNESS	S = 10 cm	S = 15 cm	S = 20 cm	S = 25 cm	S = 30 cm	S = 35 cm	S = 40 cm
A (cm)	200	160	140	130	180	160	140
B (cm)	360	330	330	280	330	330	280

1. PROPS AND H20 BEAM INSTALLATION
 INSTALLAZIONE PUNTELLI E TRAVE H20

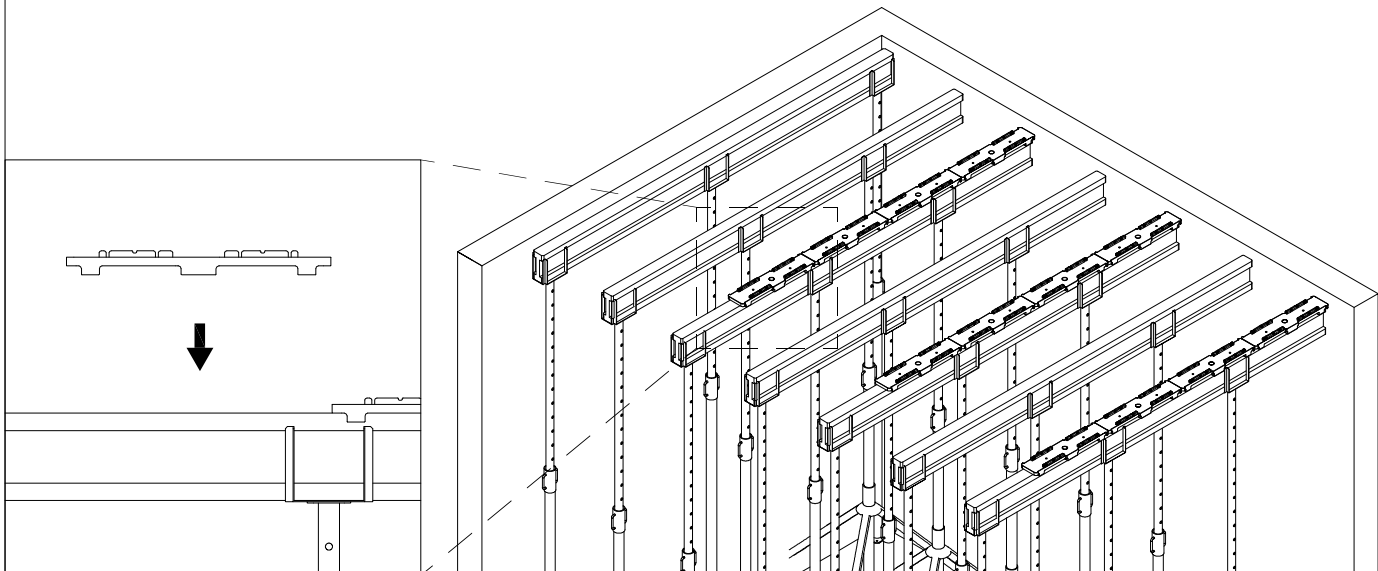


GENERAL BEAMS DISPOSITION
 DISPOSIZIONE GENERALE DELLE TRAVI

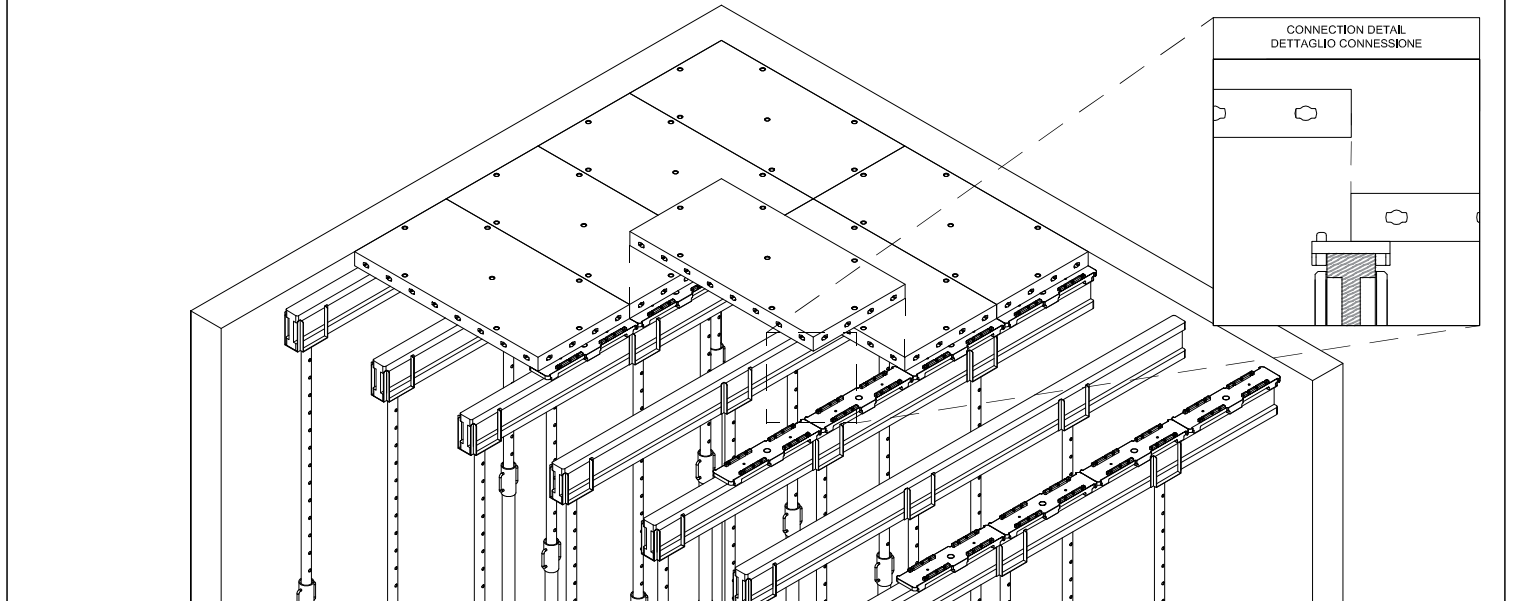
FRONT VIEW



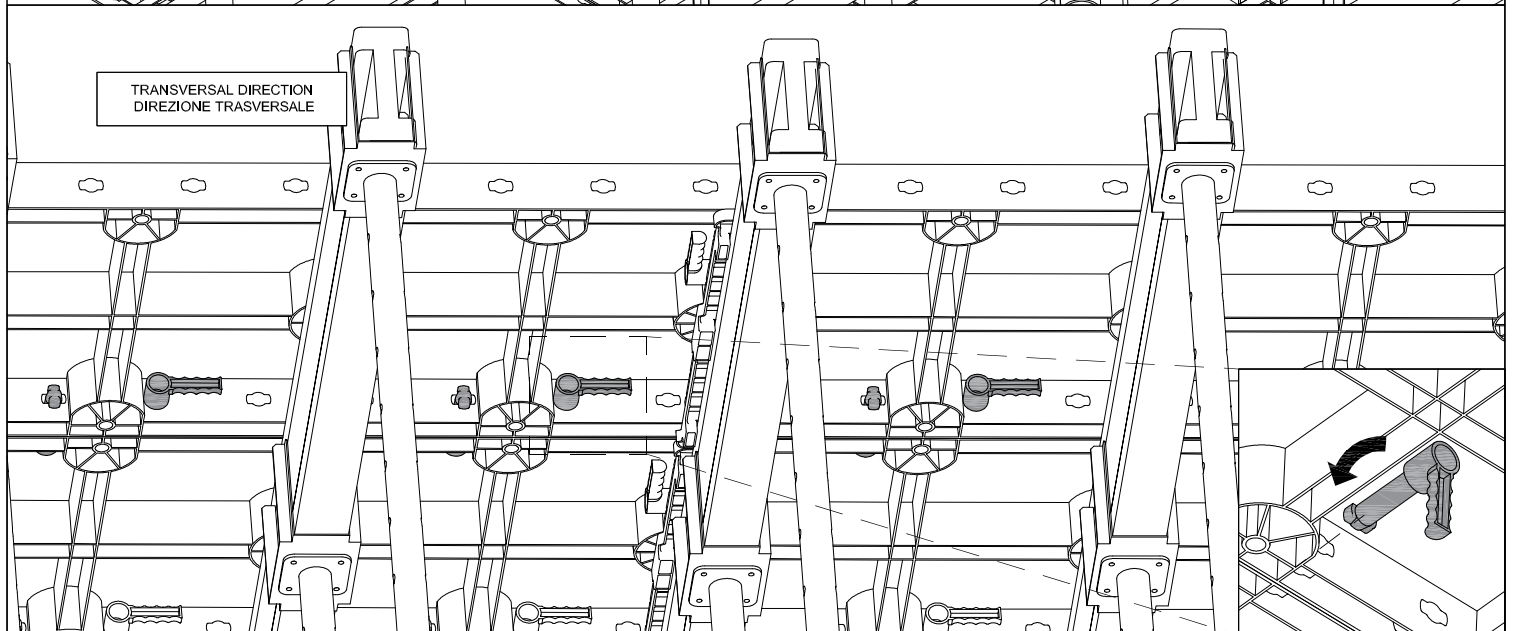
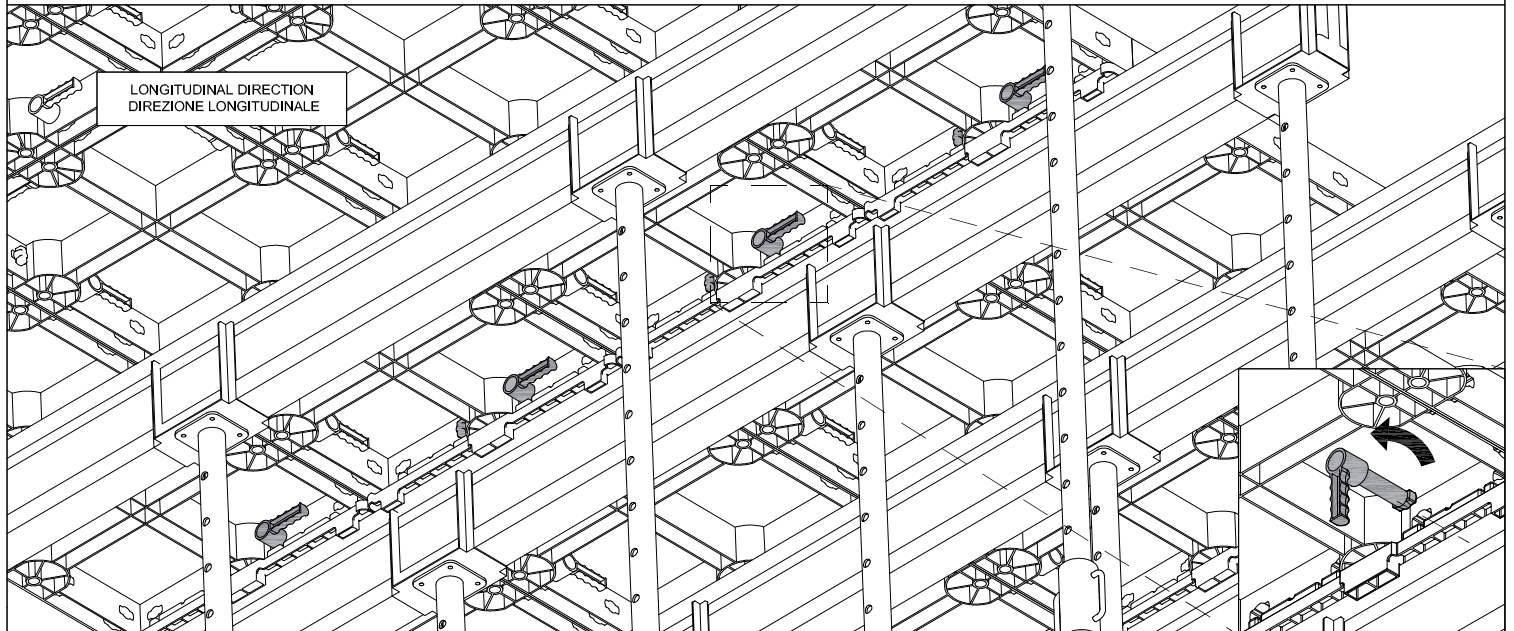
2. HS BEAMS INSTALLATION
 INSTALLAZIONE TRAVETTI HS



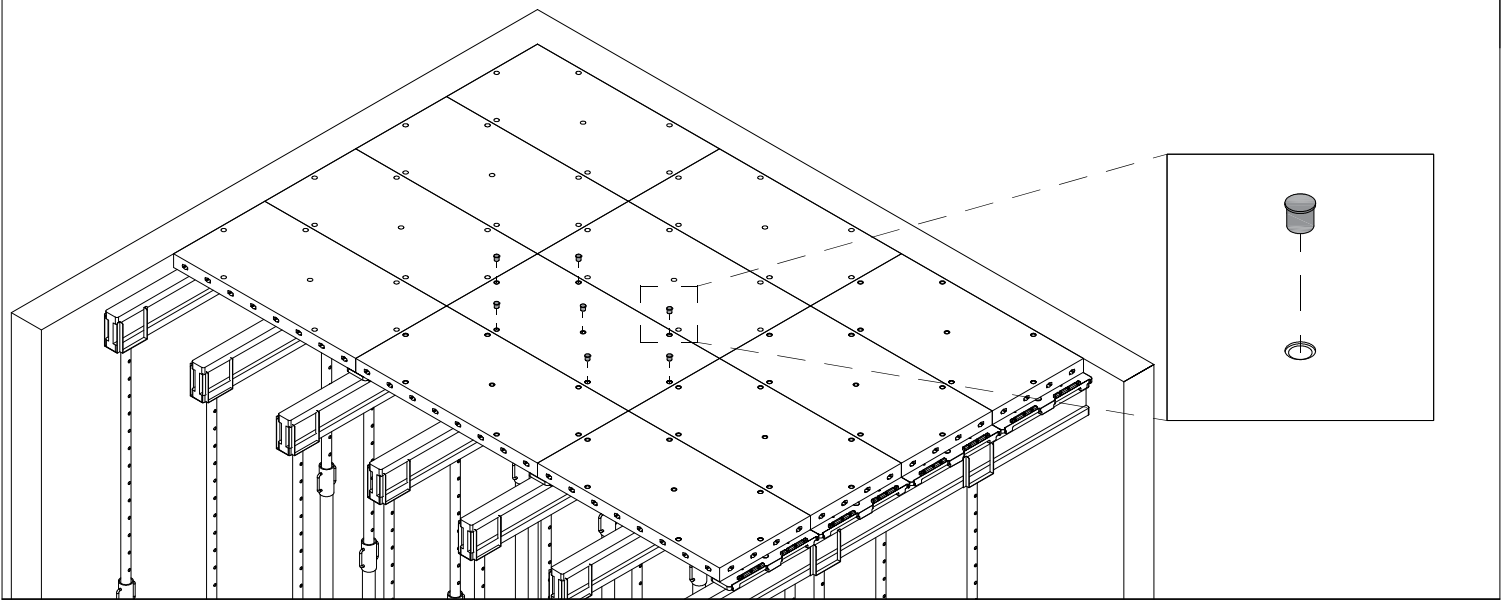
3. GEOPANEL 120X60 INSTALLATION
INSTALLAZIONE GEOPANEL 120X60



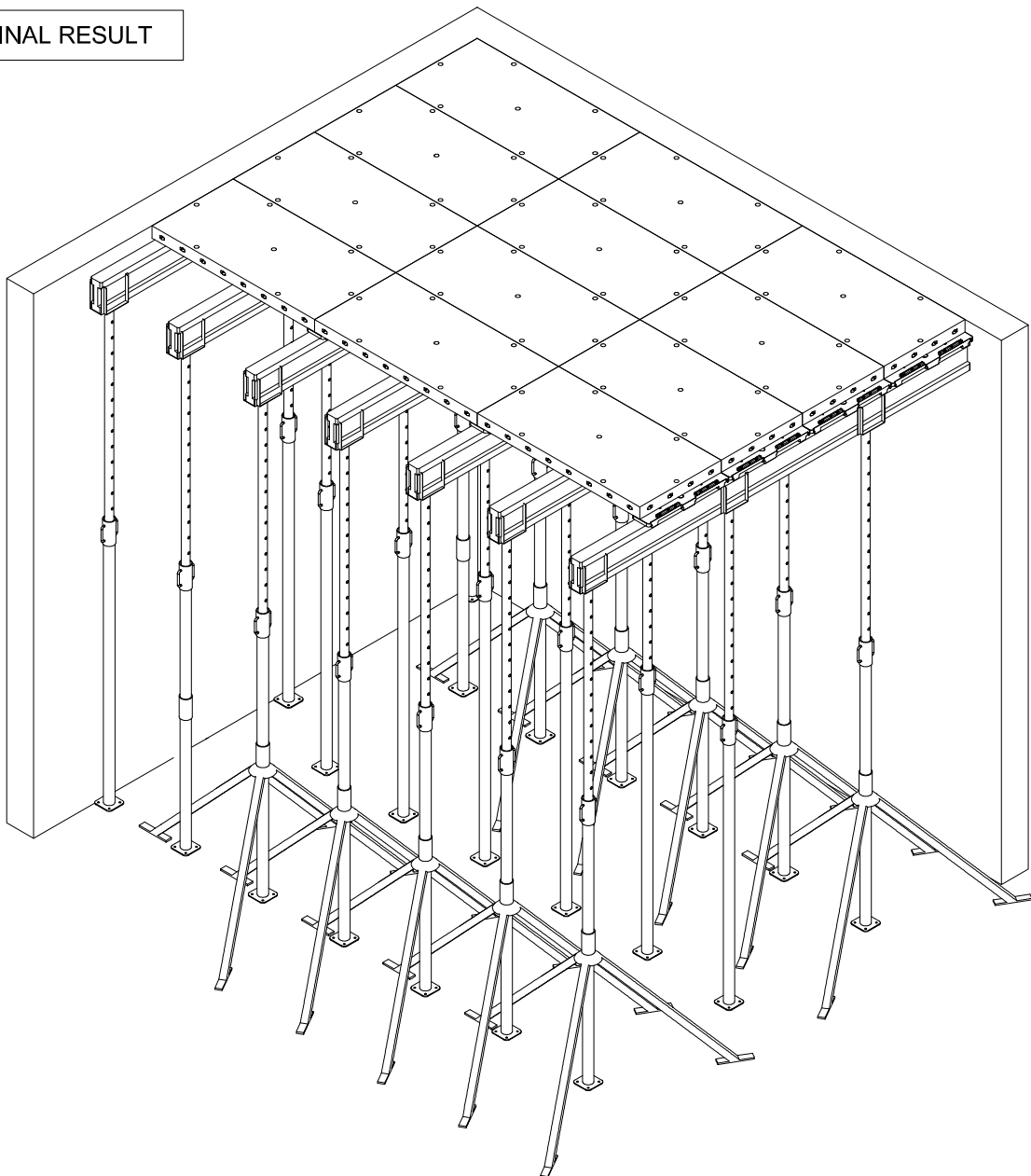
4. PANELS FIXING WITH HANDLES
FISSAGGIO PANNELLI CON MANIGLIE

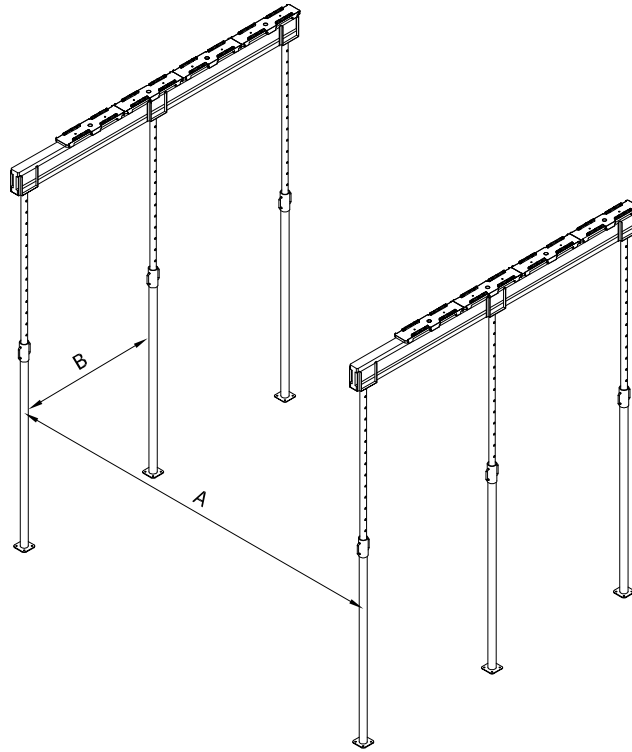


5. CAPS Ø 25mm INSTALLATION ON GEOPANEL 120X60
 INSTALLAZIONE TAPPI Ø 25mm NEI GEOPANEL 120X60



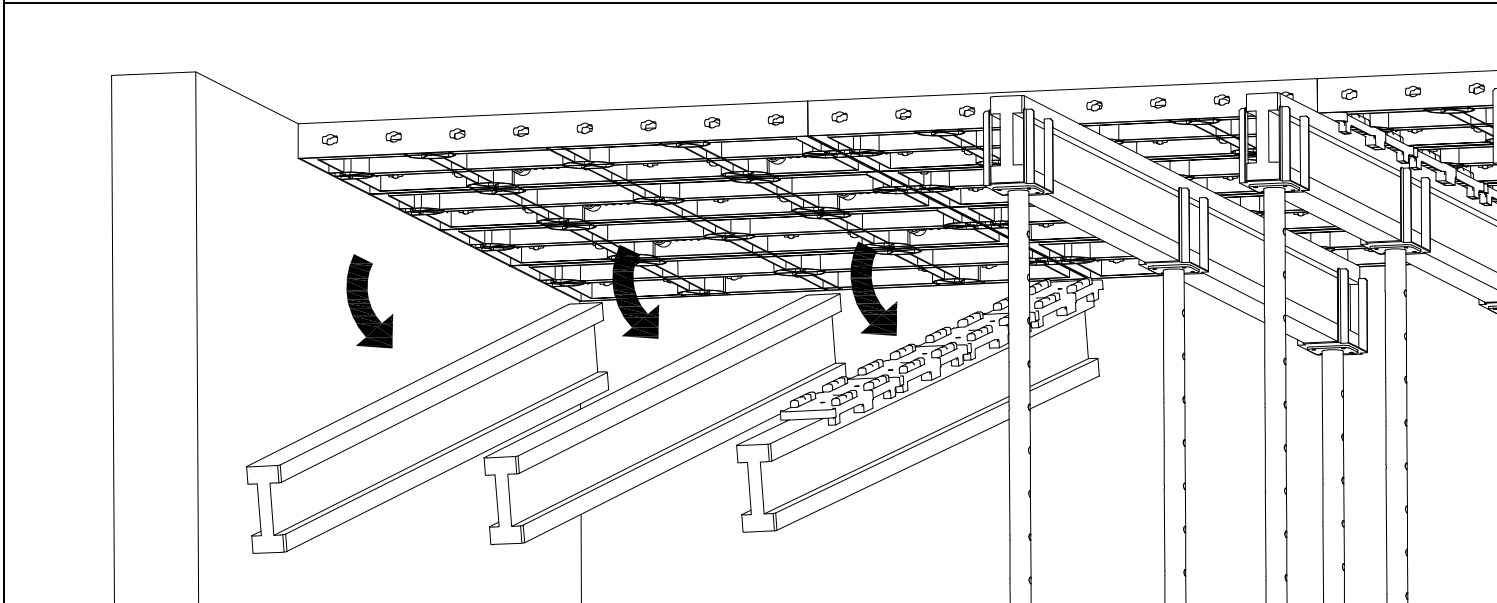
FINAL RESULT



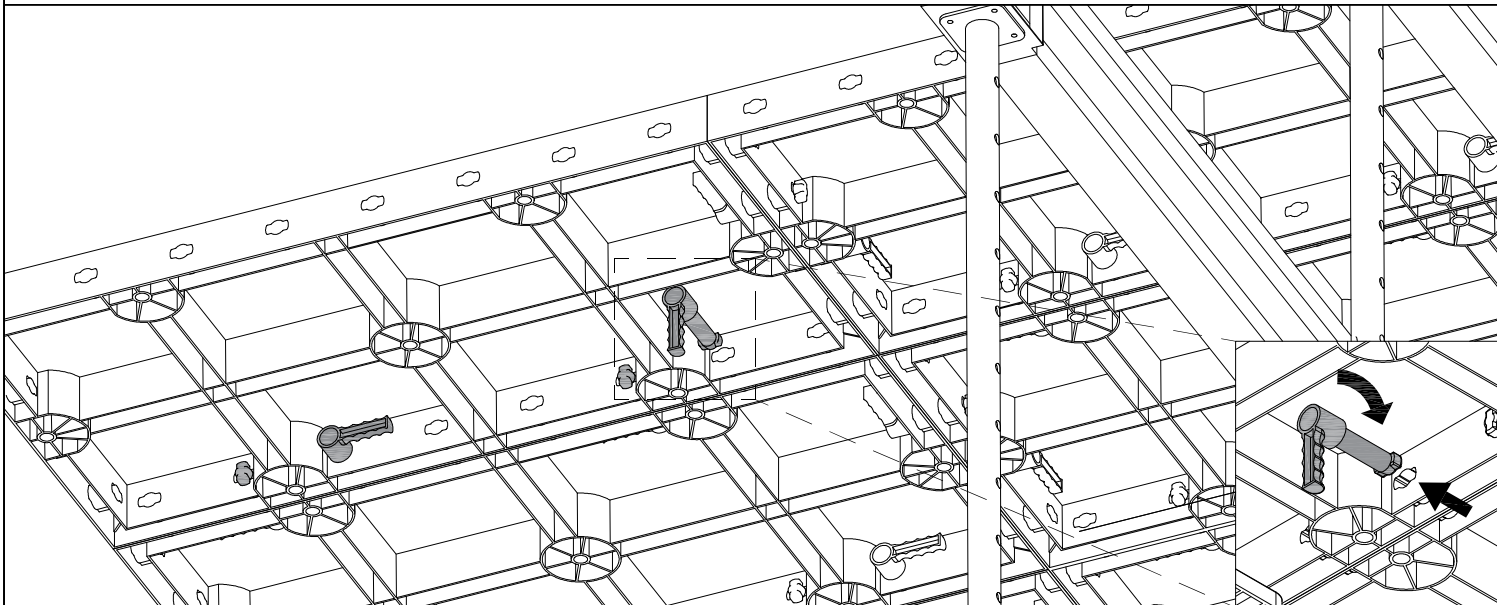


SLAB THICKNESS	S = 10 cm	S = 15 cm	S = 20 cm	S = 25 cm	S = 30 cm	S = 35 cm	S = 40 cm
A (cm)	60.5	60.5	60.5	60.5	60.5	60.5	60.5
B (cm)	360	330	270	240	210	190	170

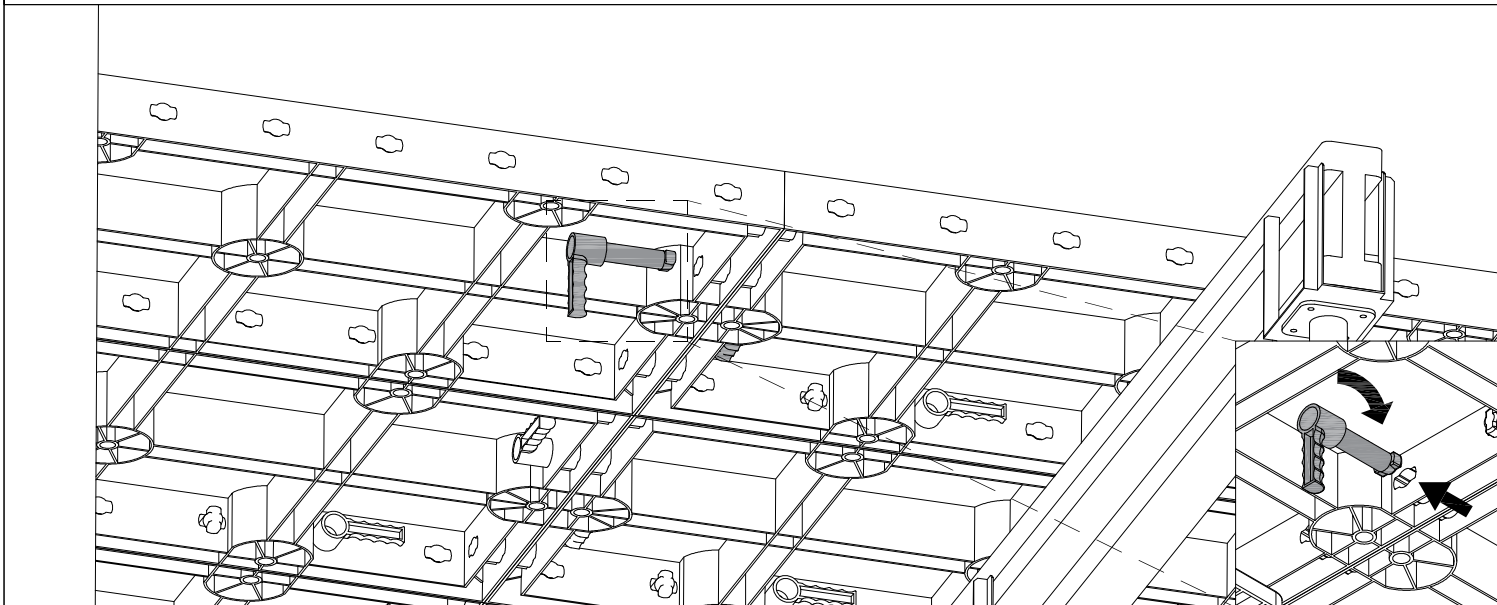
**1. EXTERNAL H20 AND HS BEAMS REMOVING
RIMOZIONE TRAVI H20 E HS ESTERNE**



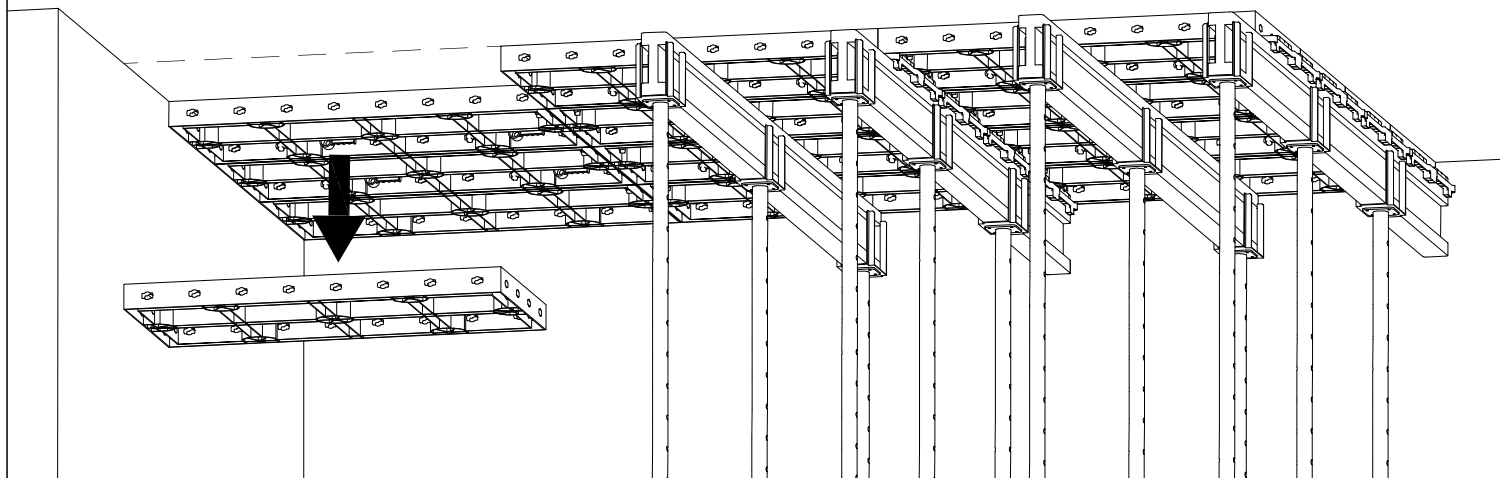
**2. PANELS HANDLES REMOVING IN TRASVERSAL DIRECTION
RIMOZIONE MANIGLIE PANNELLI IN DIREZIONE TRASVERSALE**



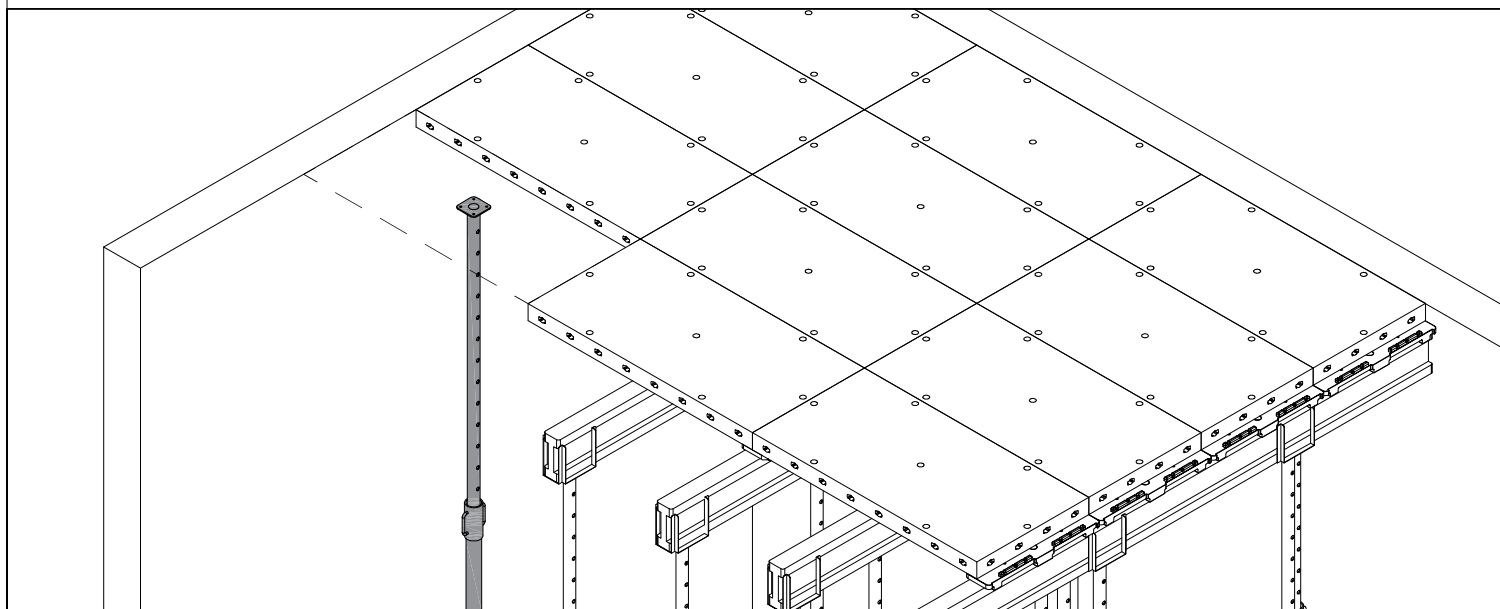
**3. PANELS HANDLES REMOVING IN LONGITUDINAL DIRECTION
RIMOZIONE MANIGLIE PANNELLI IN DIREZIONE LONGITUDINALE**



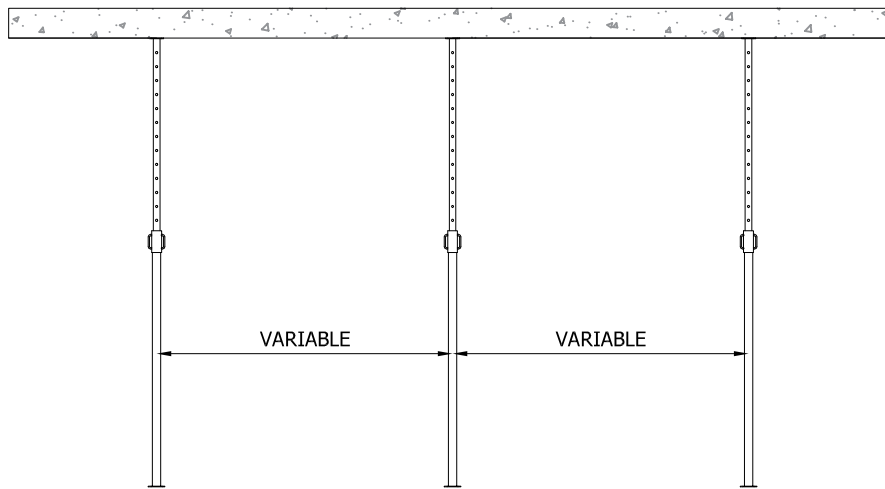
4. GEOPANEL 120X60 REMOVING
RIMOZIONE GEOPANEL 120X60



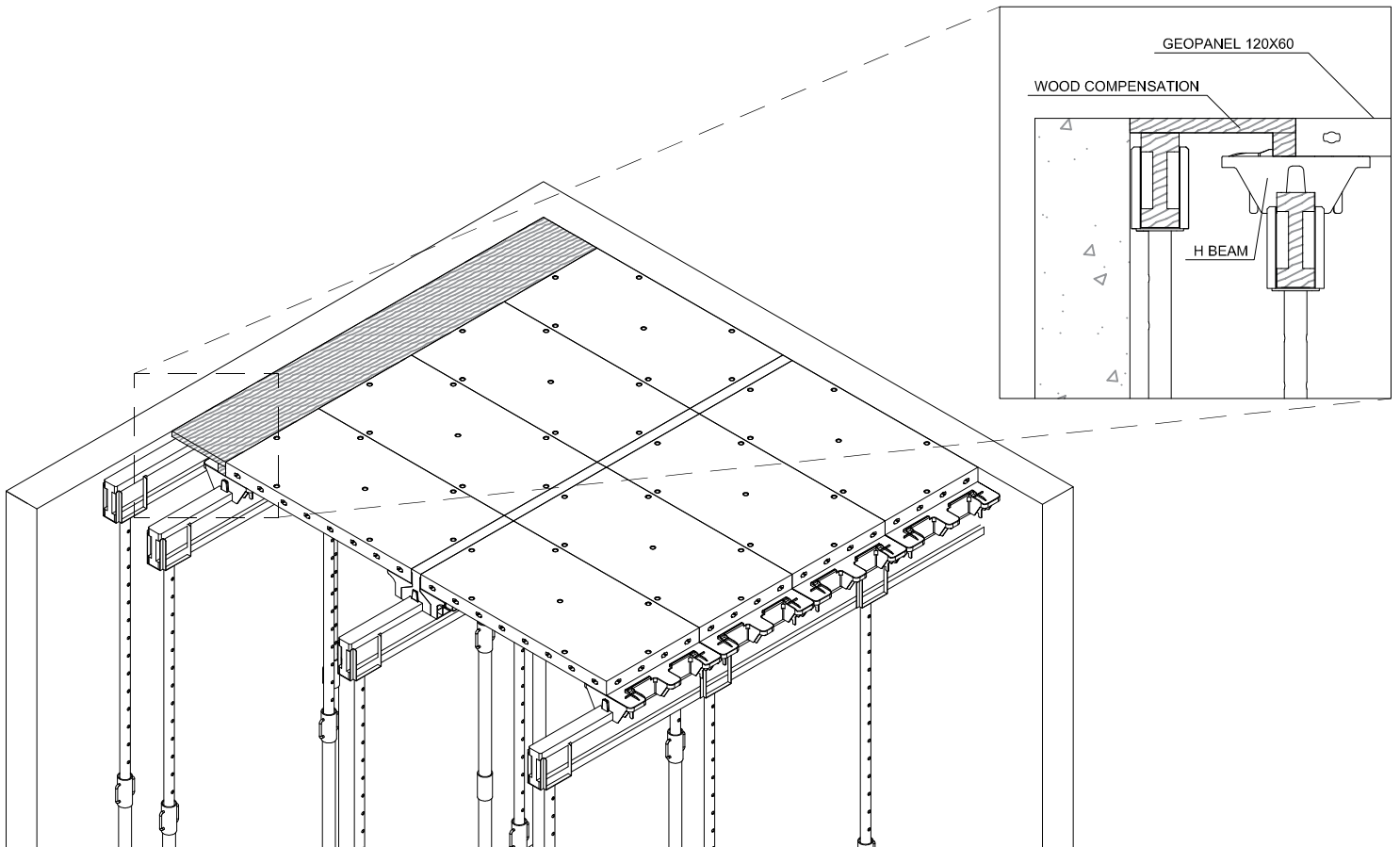
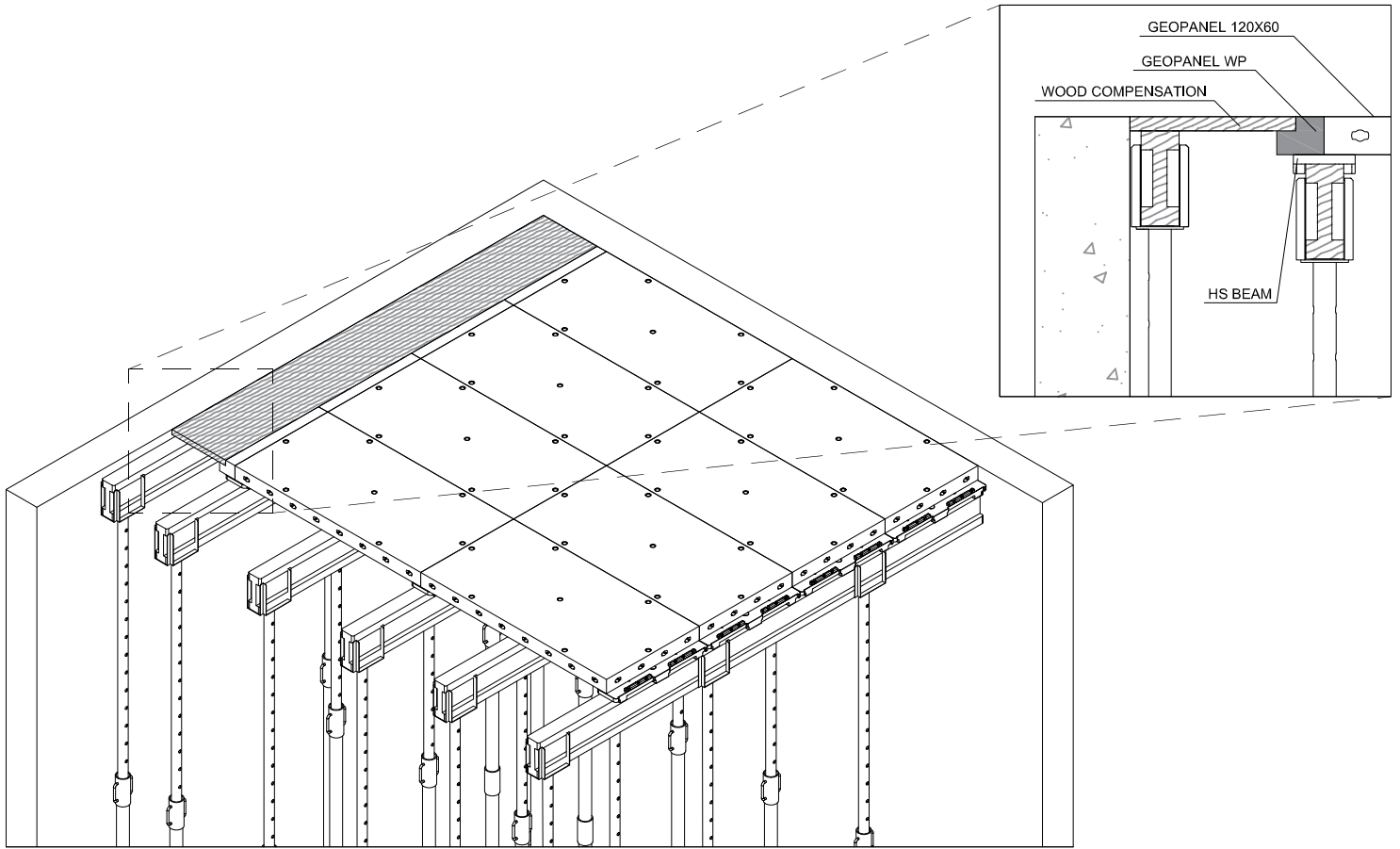
5. POST-PROPPING INSTALLATION
INSTALLAZIONE POST PUNTELLAZIONE



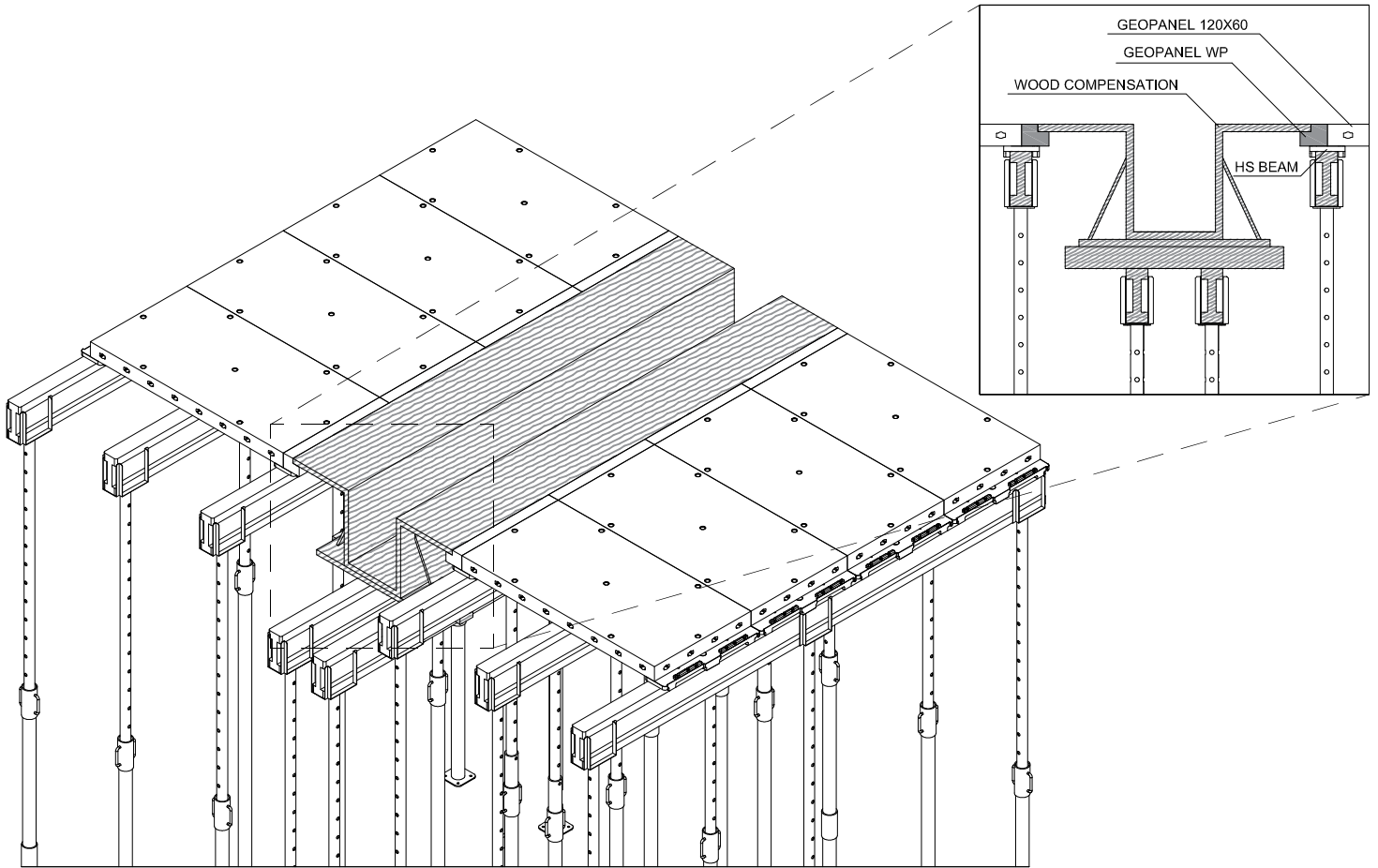
DISMANTLING TIME	
TEMPERATURE	HS BEAMS AND PANELS
20 °C	5 DAYS



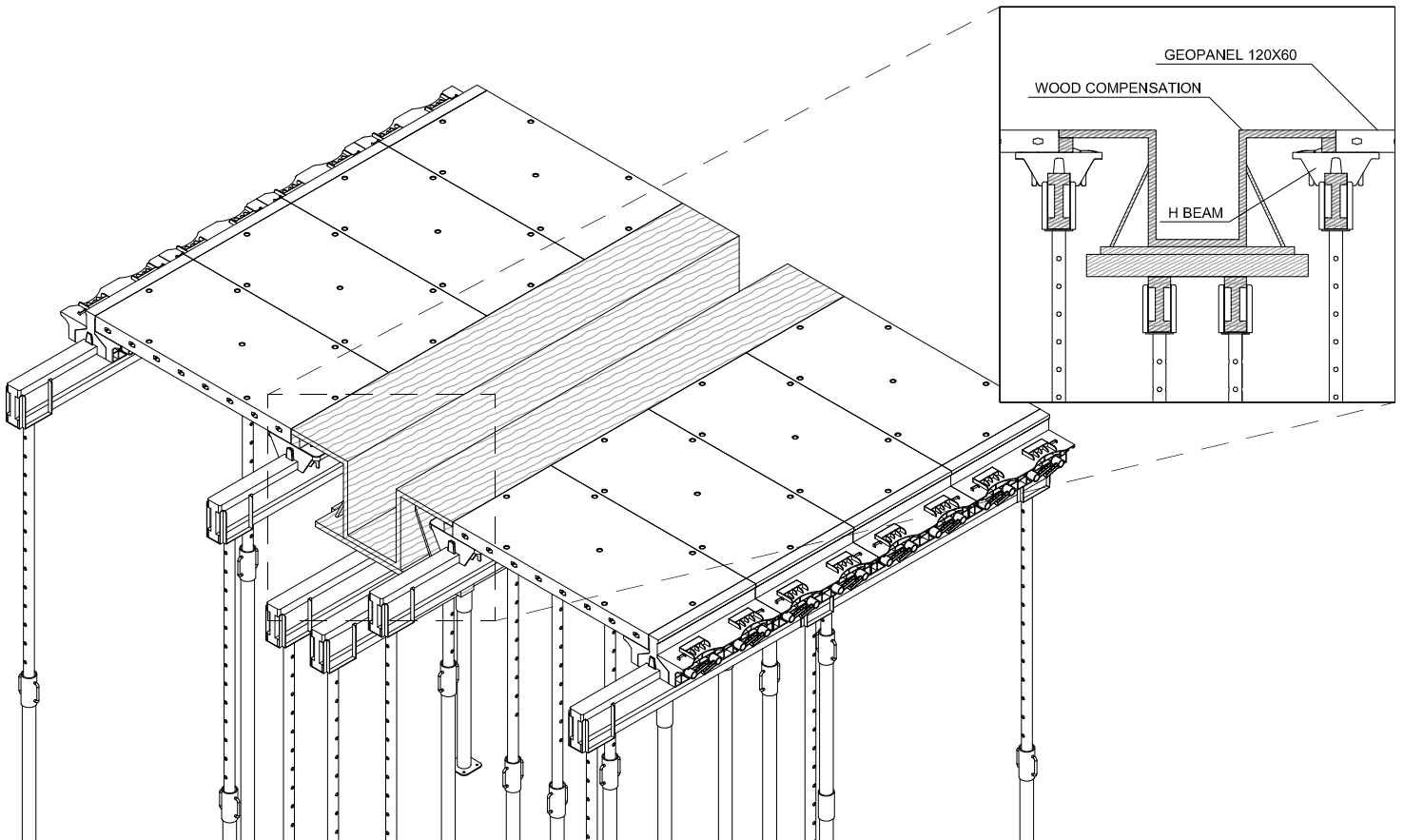
SLAB THICKNESS	S = 10 cm	S = 15 cm	S = 20 cm	S = 25 cm	S = 30 cm	S = 35 cm	S = 40 cm
Max area per prop (m ²)	5.60	4.60	3.70	3.20	2.80	2.40	2.20



LOWER BEAM COMPENSATION WITH WP — COMPENSAZIONE TRAVE RIBASSATA CON WP

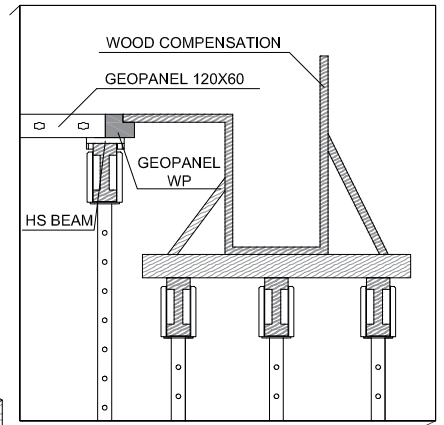
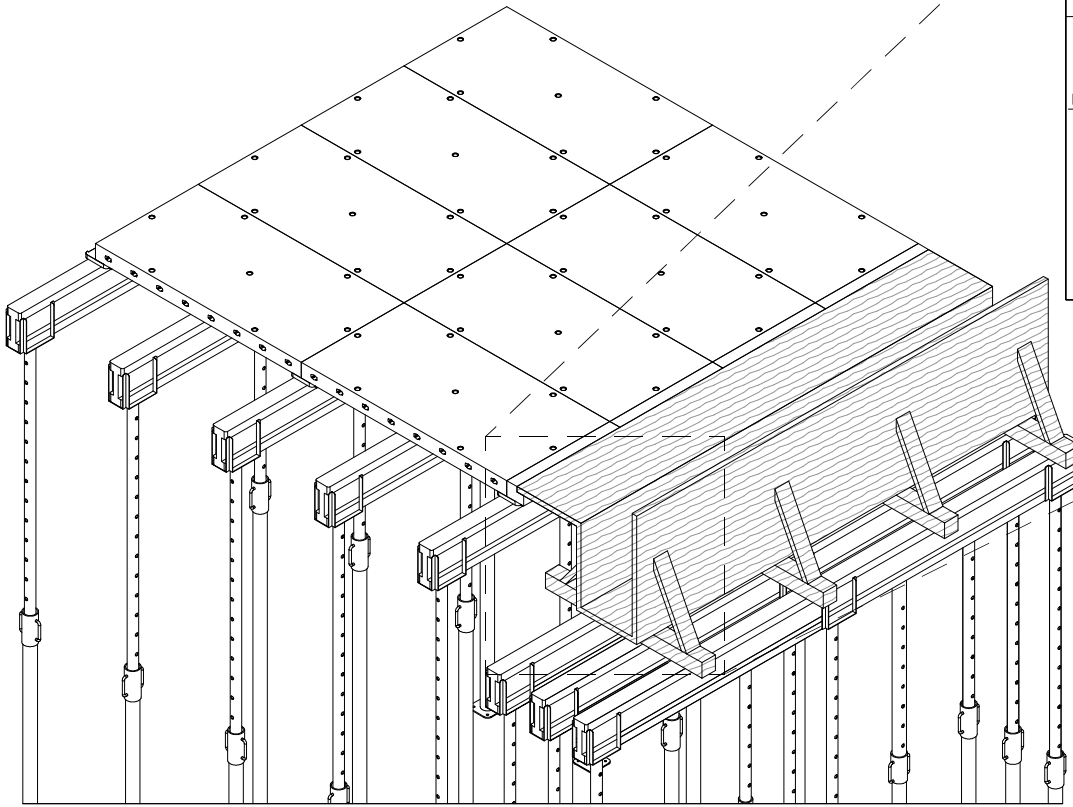


LOWER BEAM WOOD COMPENSATION — COMPENSAZIONE TRAVE RIBASSATA IN LEGNO



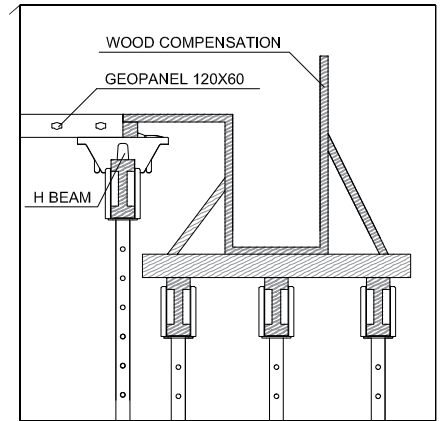
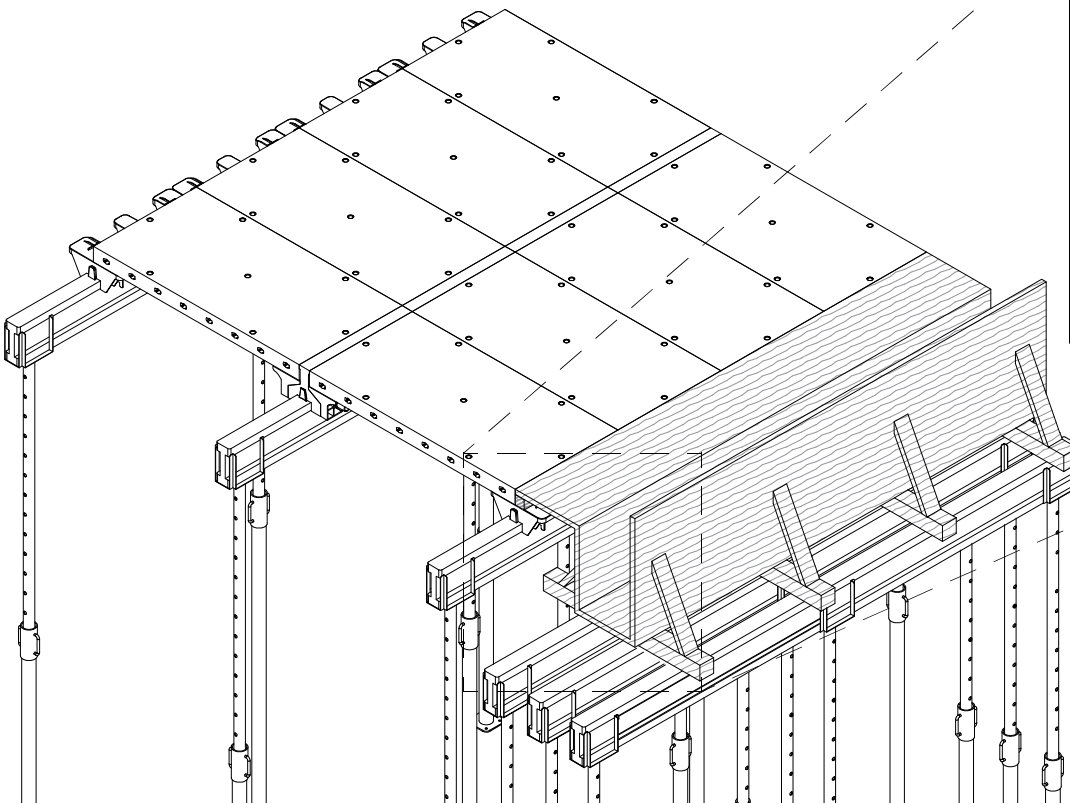
BOND BEAM COMPENSATION WITH WP

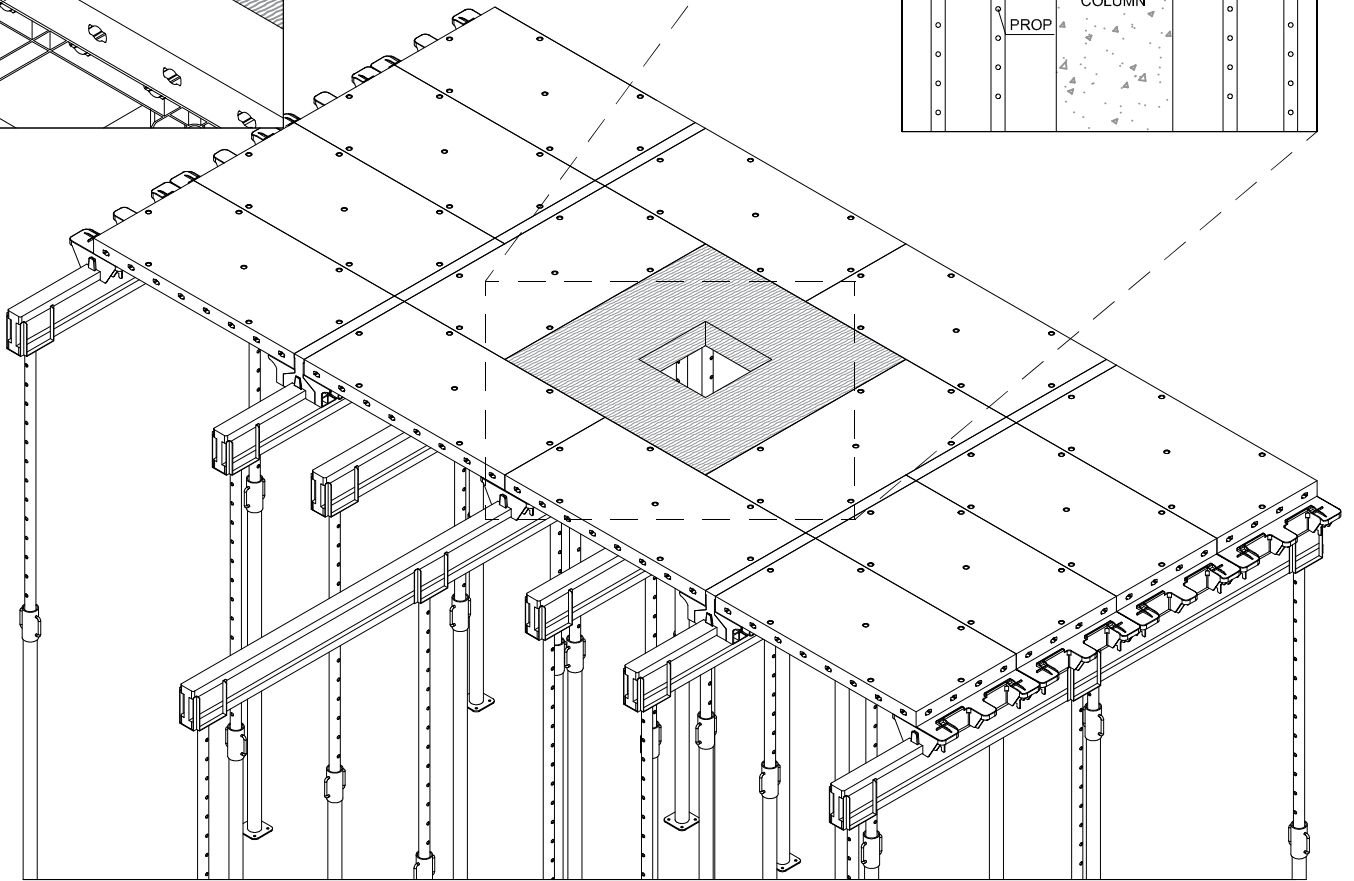
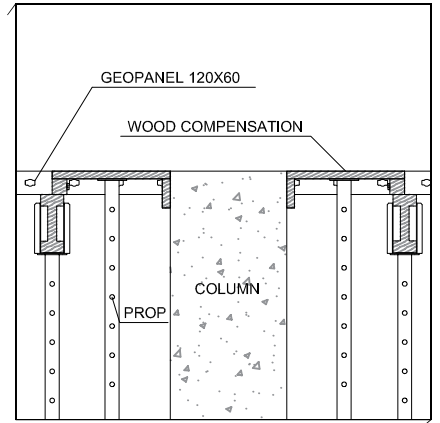
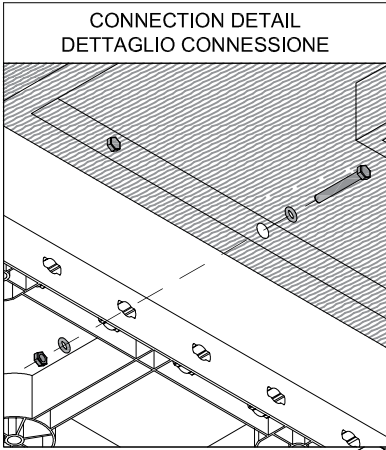
COMPENSAZIONE CORDOLO CON WP



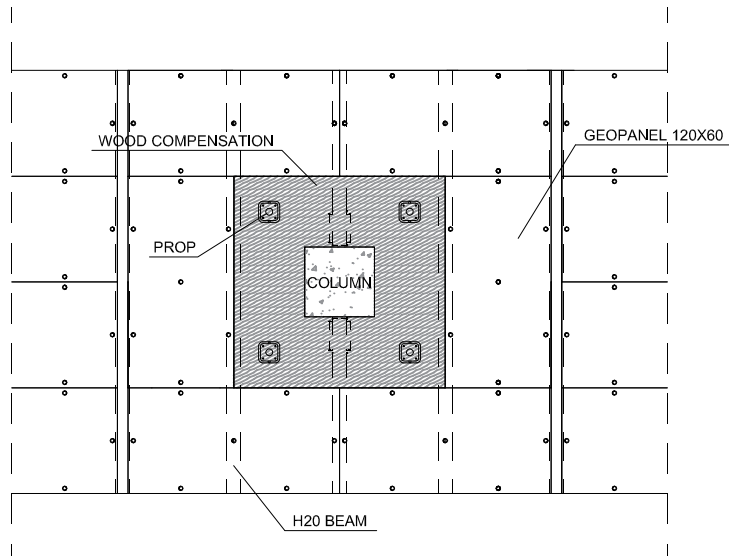
BONDER BEAM WOOD COMPENSATION

COMPENSAZIONE CORDOLO IN LEGNO



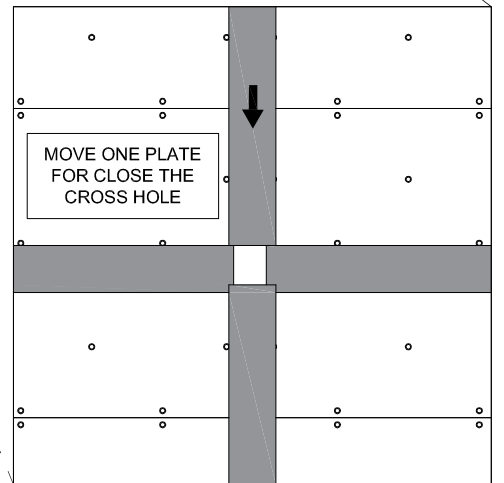
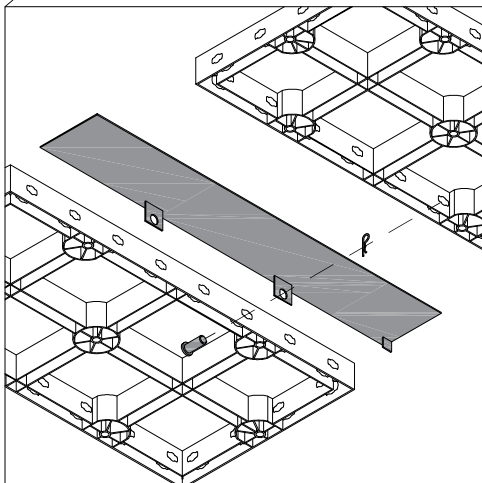
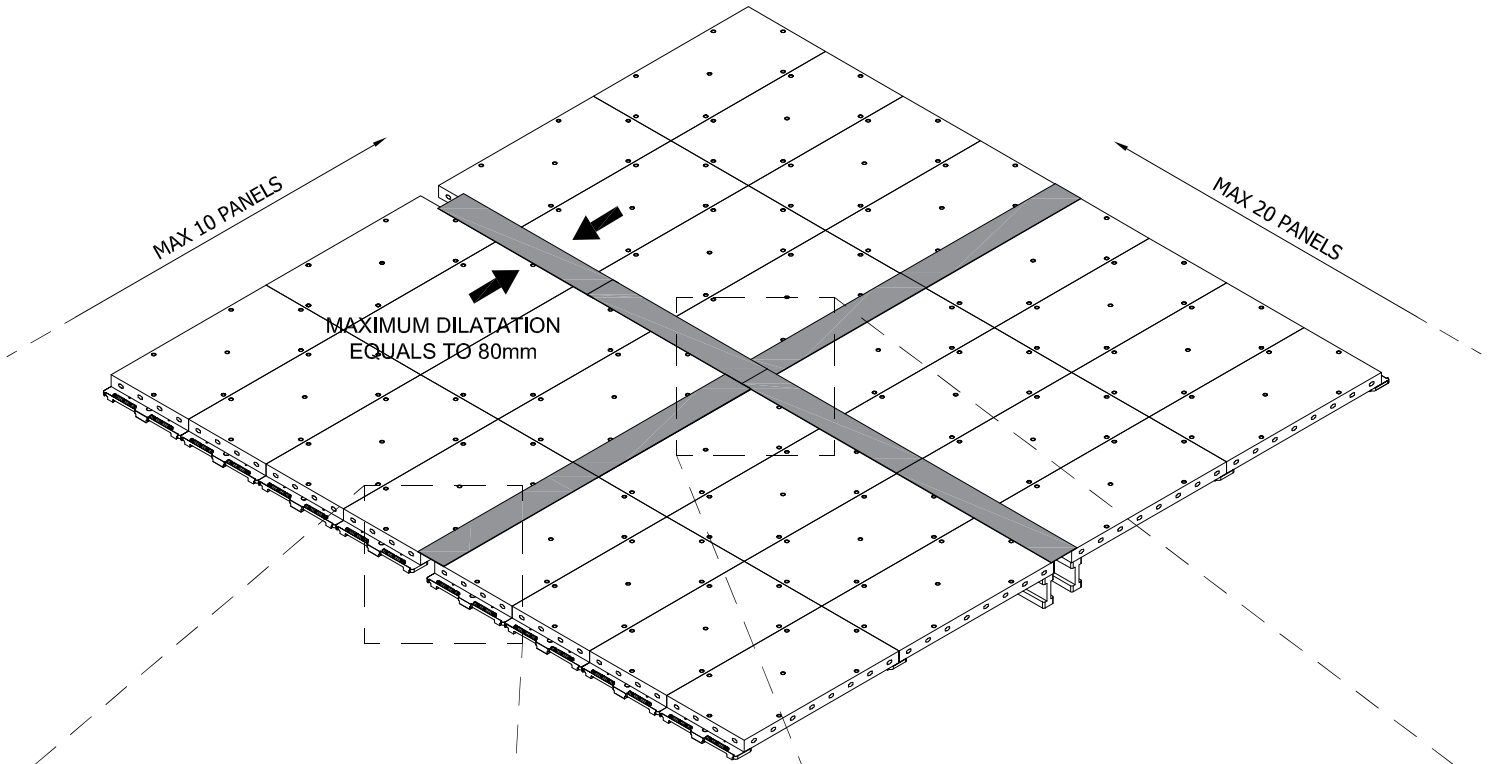
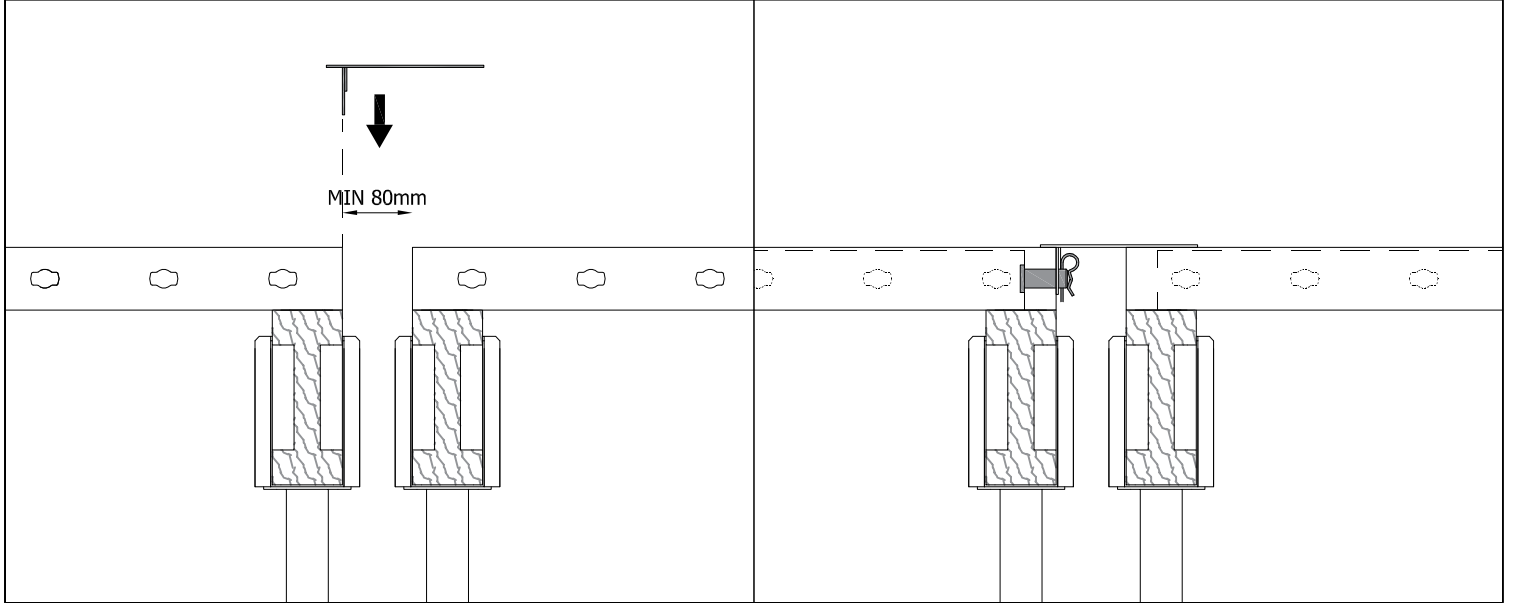


TOP VIEW



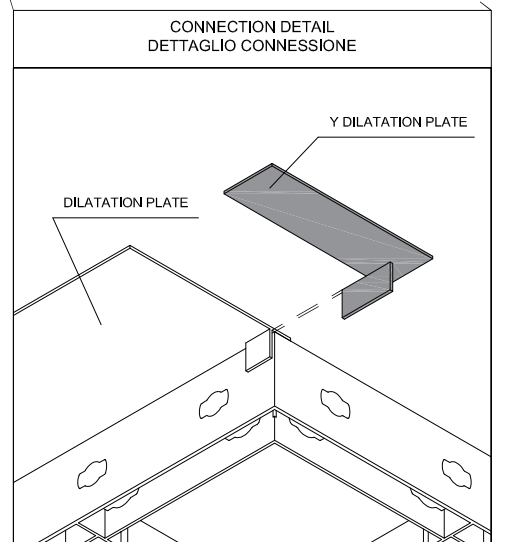
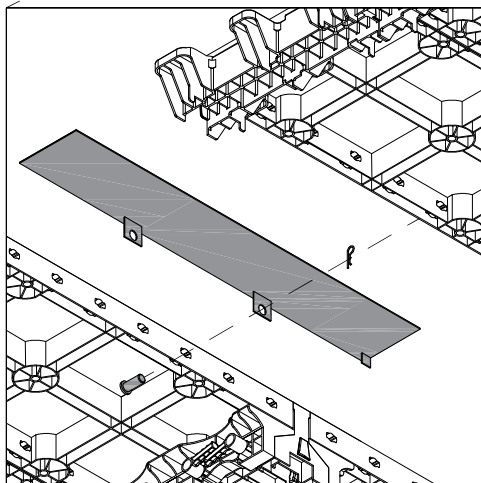
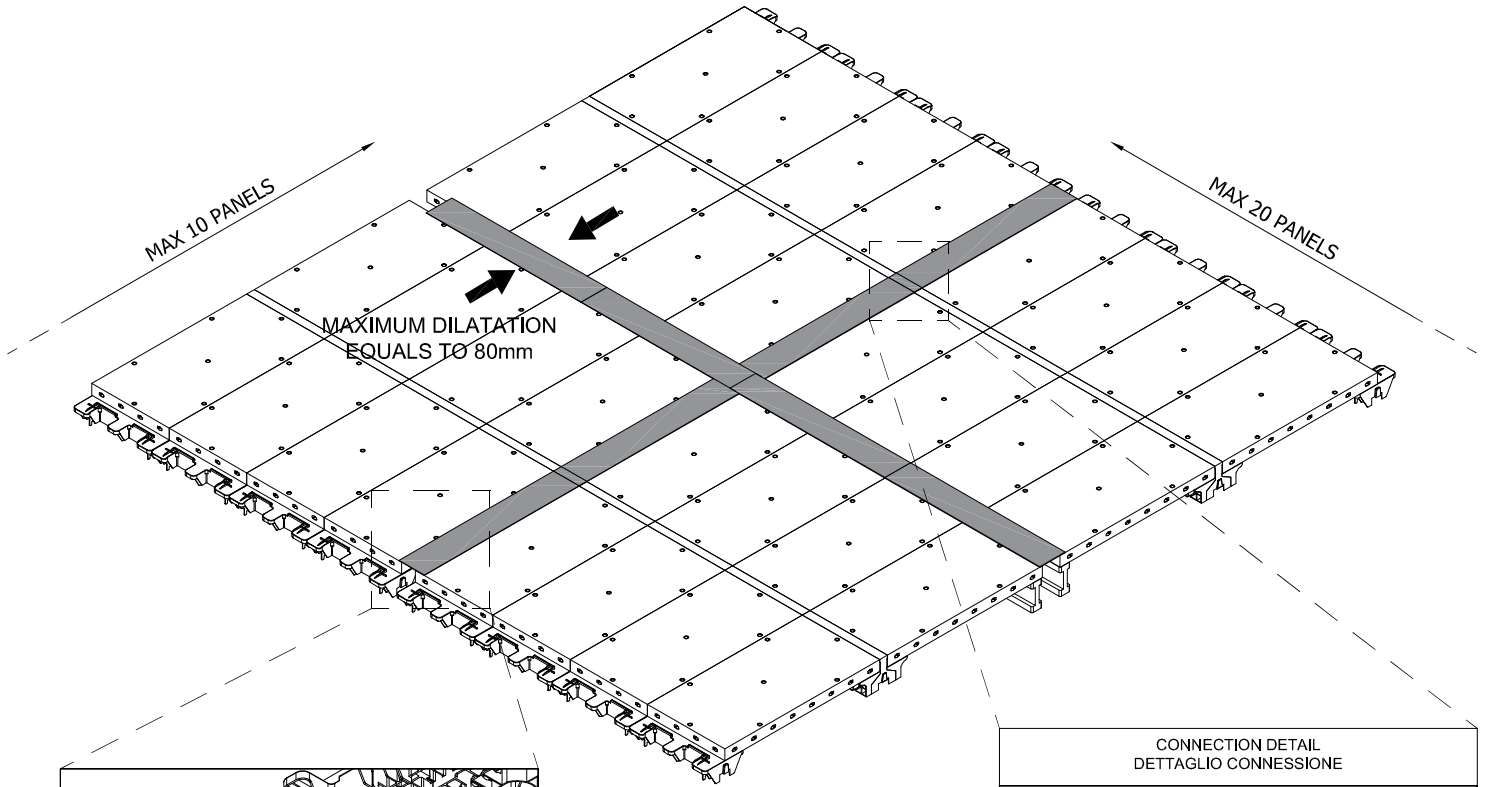
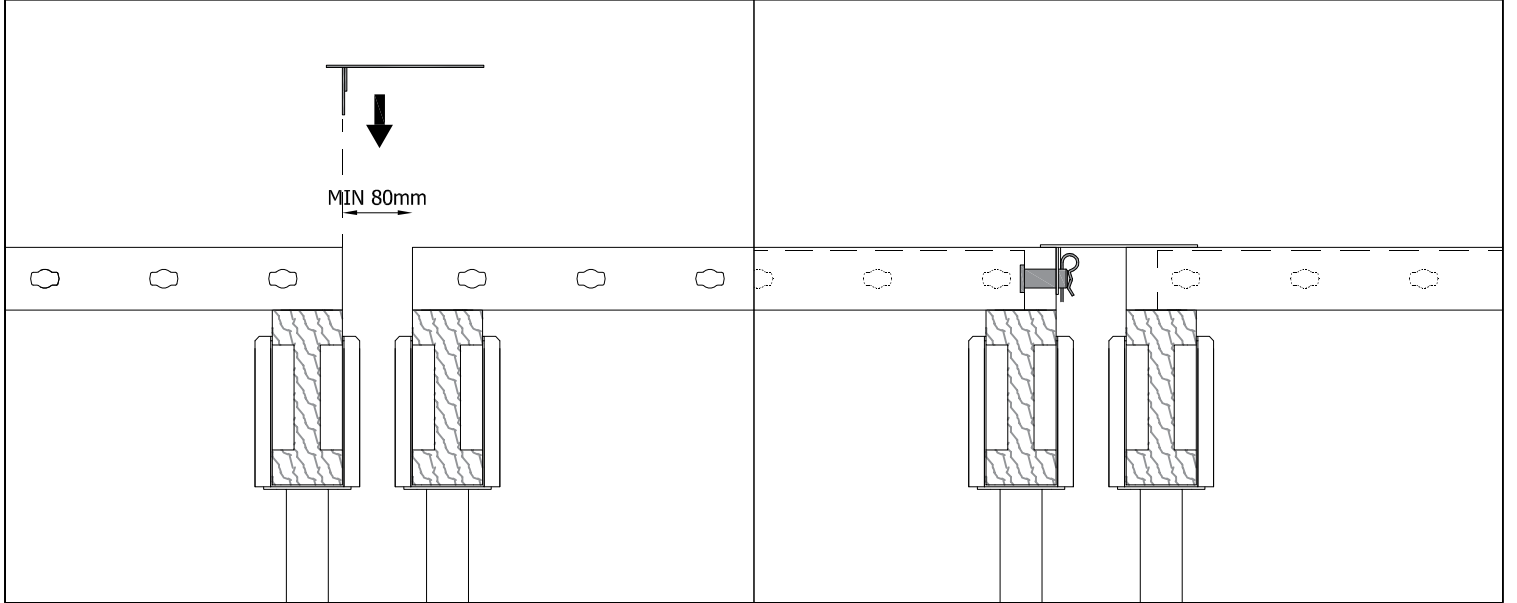
1. DILATATION PLATE INSTALLATION
 INSTALLAZIONE PIASTRA DI DILATAZIONE

2. PIN Ø 24 INSTALLATION
 INSTALLAZIONE PERNO Ø 24



1. DILATATION PLATE INSTALLATION
INSTALLAZIONE PIASTRA DI DILATAZIONE

2. PIN Ø 24 INSTALLATION
INSTALLAZIONE PERNO Ø 24



POUR

Only immersion type concrete vibrators are approved for use. The ABS formwork is not fireproof, do not place close to free flame or hot objects.

HANDLING

Use the lifting clamp to transport the formwork with a crane. Before lifting make sure the load is symmetrical and that the leg lengths are equal.

CLEANING THE PANELS

After each use clean the panel with water, preferably using a pressure washer. Any residual concrete should be removed with the aid of a brush or a steel scraper.

RELEASING AGENT

As long as the contact surface of the panels does not show signs of wear, no releasing agent is required.

STORAGE

In order to facilitate the handling and lifting of the panels and all accessories, please store them on wood pallets or battens in order to keep them off the ground.

Although the product does not suffer weathering, for longer lifetime it is preferable to store the panels away from direct sunlight.

GETTO

Sono ammessi solamente sistemi di vibrazione ad immersione. Il cassero un ABS non è ignifugo, non porre a contatto diretto con corpi incandescenti o a fiamma libera.

MOVIMENTAZIONE

Utilizzare il gancio per Geopanel per sollevare i pannelli con gru e, prima della movimentazione, assicurarsi che le funi di sollevamento abbiano un uniforme tiraggio.

PULIZIA DEI PANNELLI

Al termine di ogni utilizzo, pulire i pannelli con getti di acqua (preferibilmente utilizzando una idropulitrice). Si consiglia di rimuovere eventuali incrostazioni del calcestruzzo con l'ausilio di una spatola o spazzola d'acciaio.

DISARMANTE

Finché la superficie di contatto dei pannelli non presenta segni di usura, non è necessario l'utilizzo di disarmanti.

STOCCAGGIO

Al fine di facilitare le operazioni di movimentazione e sollevamento dei pannelli e tutti gli accessori, stoccare gli stessi sopra bancali o comunque morali che permettano il distacco da terra.

Sebbene il prodotto non tema attacchi da agenti atmosferici è preferibile stoccare i pannelli in luoghi asciutti e riparati dalla luce diretta del sole.

The operations of placing, assembly, disassembly, plumb, handling and cleaning of the Geosky product, as well as the pouring of the concrete must be carried out by qualified and properly trained personnel, or under the supervision of the Site Manager or an Engineer of Geoplast SpA, who must ensure that:

- all the above operations are carried out in a workmanlike manner,
- every person working with the formwork is equipped with suitable tools and personal protective equipment to perform all necessary actions in compliance with the safety standards,
- all panels and the supplied accessories are checked before use, and that any part that does not meet the minimum standards of reliability and safety due to deformation or breakage is discarded,
- the formwork is installed on a perfectly flat surface, so as to work in maximum safety conditions,
- all connections, alignment and plumb accessories of the formworks are tight and fixed to the ground before beginning the pour.

Geoplast SpA disclaims any liability arising from improper use of the formwork Geosky. Any assembly of formwork and/or use of accessories otherwise described in this manual must first be approved by Geoplast SpA.

Le operazioni di posizionamento, montaggio, smontaggio, messa a piombo, movimentazione e pulizia del prodotto Geosky, nonché del getto del calcestruzzo, devono essere effettuate da personale competente e debitamente istruito o comunque sotto il controllo del responsabile di cantiere oppure di un tecnico Geoplast SpA, i quali devono assicurarsi che:

- tutte le operazioni sopra elencate vengano svolte a regola d'arte,
- gli addetti alle operazioni sopra elencate siano muniti di idonea strumentazione e di dispositivi di protezione individuale per poter effettuare tutte le azioni nel pieno rispetto delle norme di sicurezza,
- tutti i pannelli e gli accessori in dotazione vengano controllati prima del loro utilizzo, in modo tale da poter eliminare quelli che non abbiano sufficiente garanzia di affidabilità a causa di eventuali presenze di rotture e/o deformazioni,
- il piano di appoggio dei casseri sia perfettamente piano, in modo da poter operare in massima sicurezza,
- tutti gli accessori di collegamento, di allineamento e di piombatura dei casseri, siano ben serrati e fissati al suolo prima di iniziare le operazioni di getto.

Geoplast SpA declina ogni responsabilità derivante da un uso improprio dei casseri Geosky. Eventuali assemblaggi dei casseri e/o uso di accessori diversamente illustrati in questo manuale, devono essere prima approvati da Geoplast SpA.



GEOPLAST S.p.A.

35010 Grantorto PD - Italia - Via Martiri della Libertà, 6/8
tel +39 049 9490289 - fax +39 049 9494028
e-mail: geoplast@geoplast.it - www.geoplast.it

