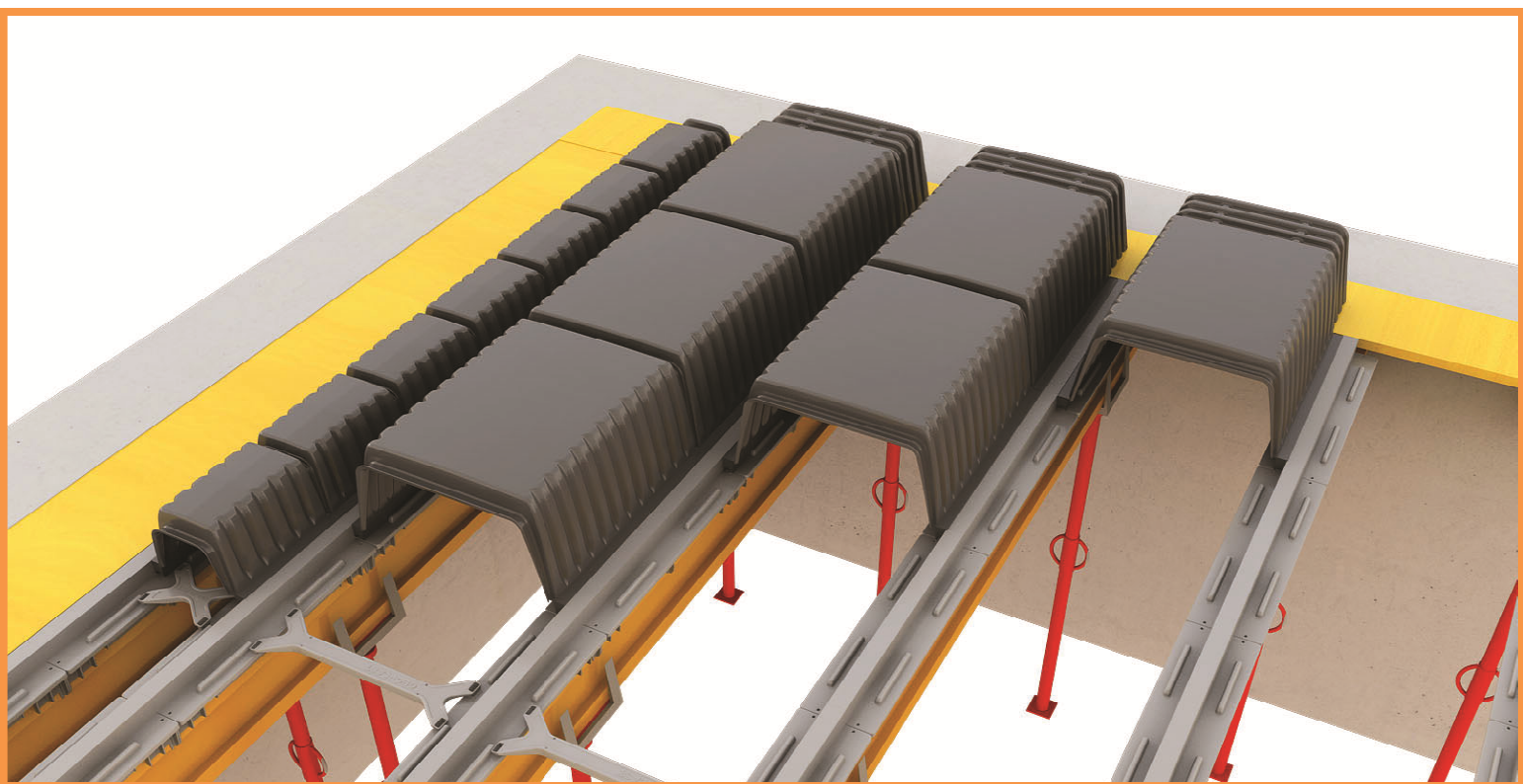




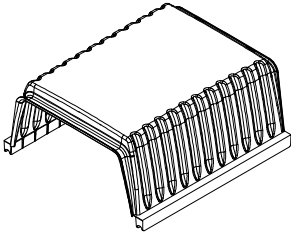
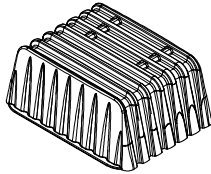
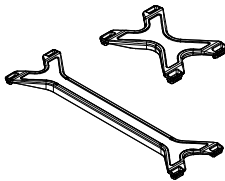
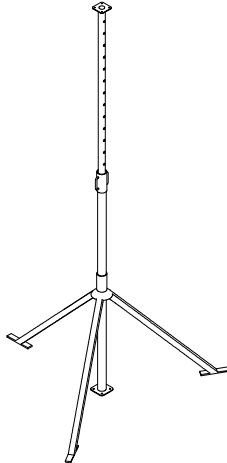
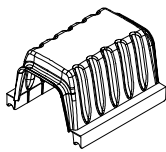
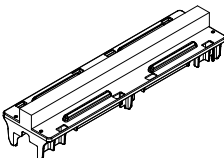
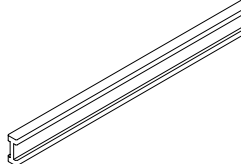
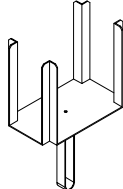
SKYRAIL



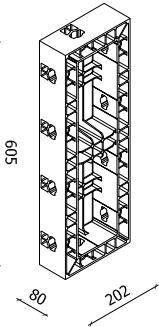
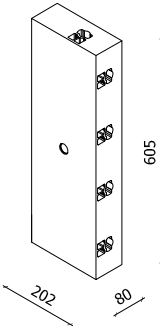
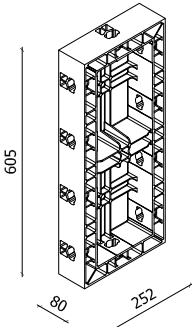
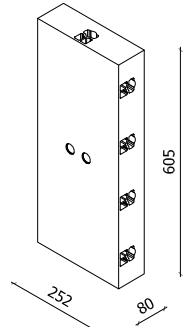
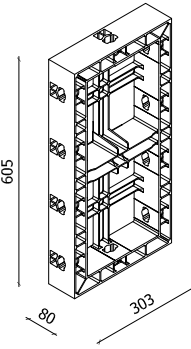
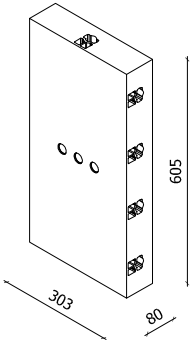
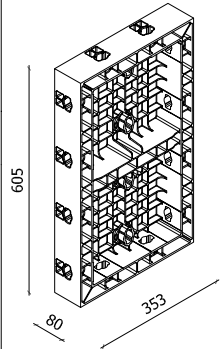
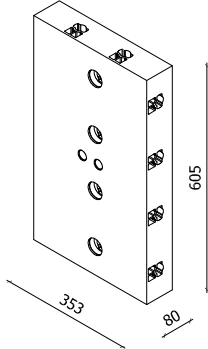
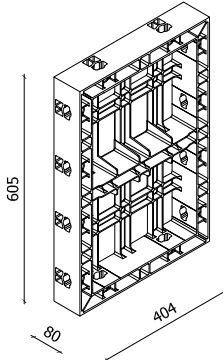
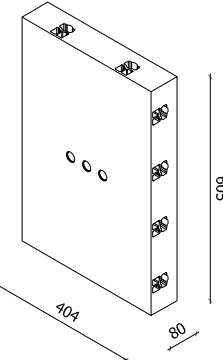
MANUALE TECNICO 
TECHNICAL MANUAL 

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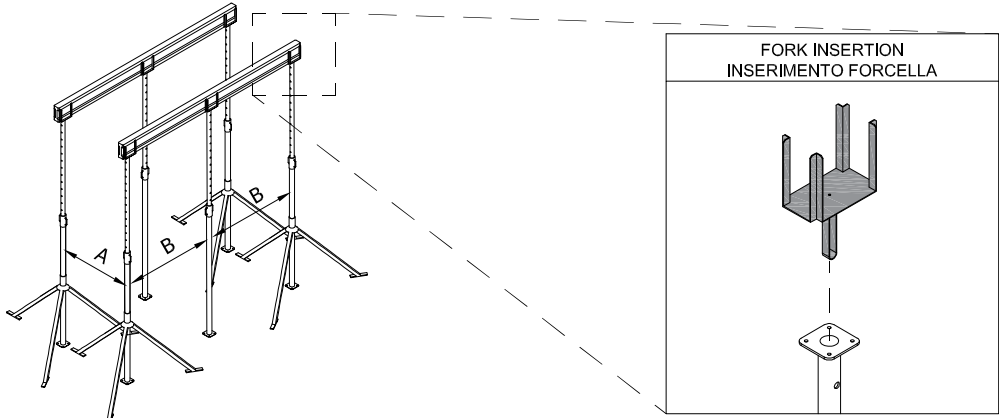
PAG. 2	LIST OF COMPONENTS - LISTA COMPONENTI
PAG. 3	SKYRAIL ASSEMBLING - ASSEMBLAGGIO SKYRAIL
PAG. 7	SKYRAIL DISMANTLING - DISARMO SKYRAIL
PAG. 8	POST-PROPPING REQUIREMENTS - PRESCRIZIONI POST-PUNTELLAZIONE
PAG. 9	LONGITUDINAL BEAM ASSEMBLING - ASSEMBLAGGIO TRAVE LONGITUDINALE
PAG. 10	TRANSVERSAL BEAM ASSEMBLING - ASSEMBLAGGIO TRAVE TRASVERSALE
PAG. 11	OPERATION AND MAINTENANCE REQUIREMENTS - PRESCRIZIONI DI USO E MANUTENZIONE
PAG. 11	SAFETY REQUIREMENTS - PRESCRIZIONI DI SICUREZZA

							
SKYRAIL H16 - H20 - H24		SKYBLOCK H16 - H20 - H24		SPACER 30 - 60			
							
		MINI SKYRAIL	MINI SKYBLOCK		T BEAM	TRAVETTO T	FORK
						PROP AND TRIPOD	PUNTELLO E TREPPIEDE

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		

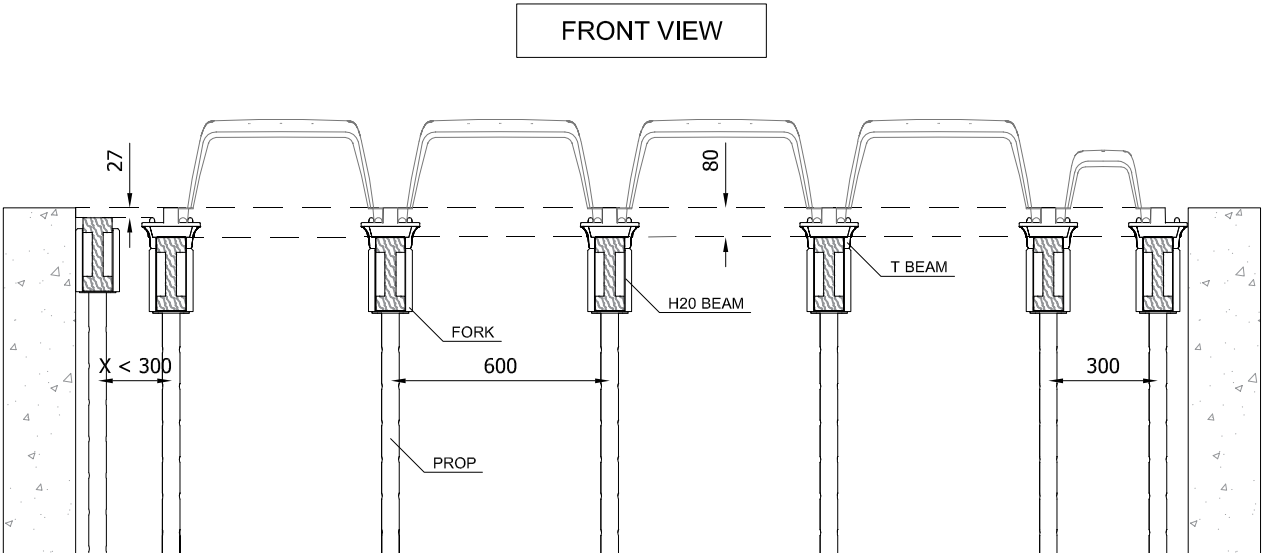
1. PROPS AND H20 BEAM INSTALLATION
INSTALLAZIONE PUNTELLI E TRAVE H20



SKYRAIL and SLAB THICKNESS	H 16 + 5	H 20 + 5	H 24 + 5
A (cm)	60	60	60
B (cm)	MAX 200	MAX 200	MAX 200

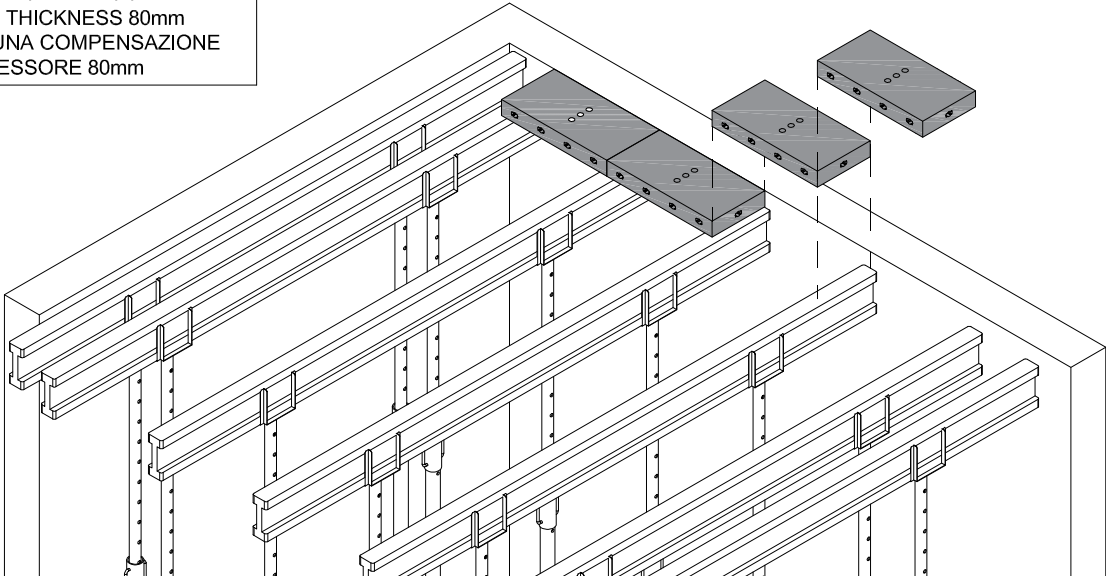
SKYRAIL and SLAB THICKNESS	H 16 + 10	H 20 + 10	H 24 + 10
A (cm)	60	60	60
B (cm)	MAX 170	MAX 170	MAX 170

GENERAL BEAMS DISPOSITION
DISPOSIZIONE GENERALE DELLE TRAVI

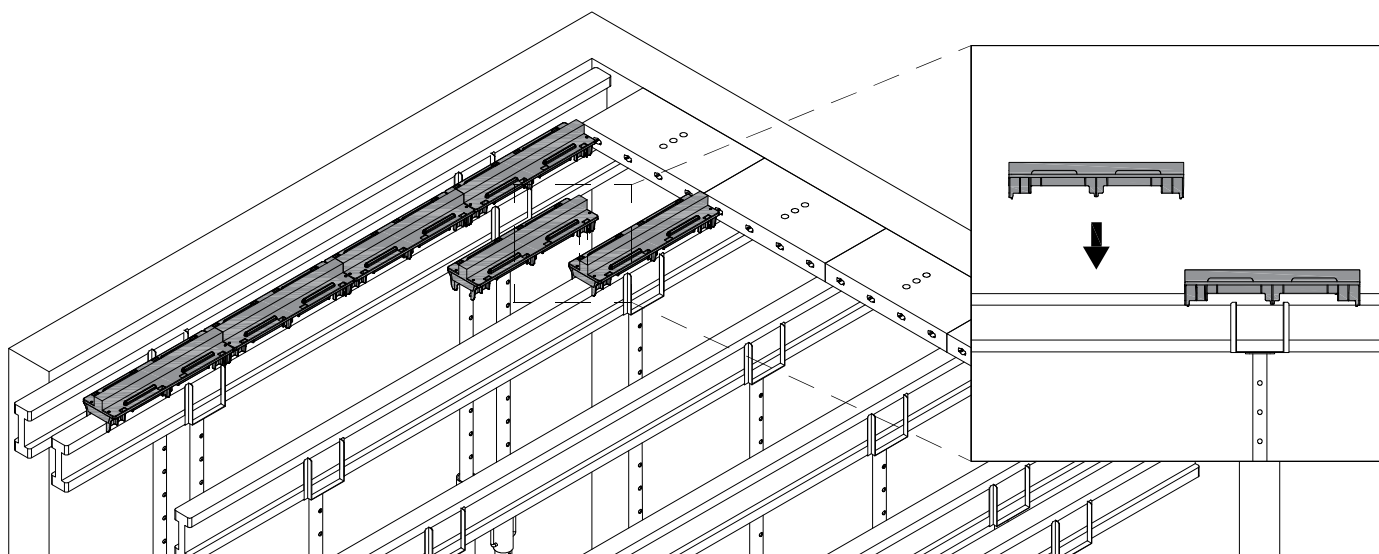


2. INSTALLATION OF TRANSVERSAL GEOPANEL COMPENSATIONS
INSTALLAZIONE COMPENSAZIONI TRASVERSALI CON GEOPANEL

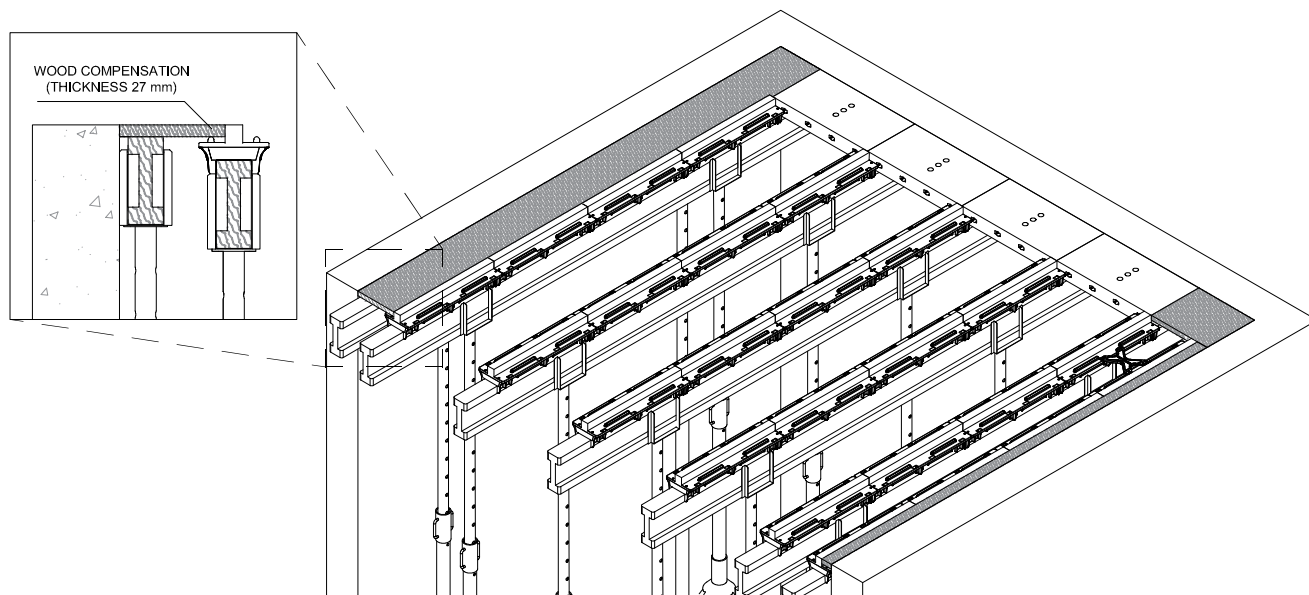
IT IS POSSIBLE TO ADOPT A WOOD
COMPENSATION WITH THICKNESS 80mm
E' POSSIBILE ADOTTARE UNA COMPENSAZIONE
IN LEGNO CON SPESSORE 80mm



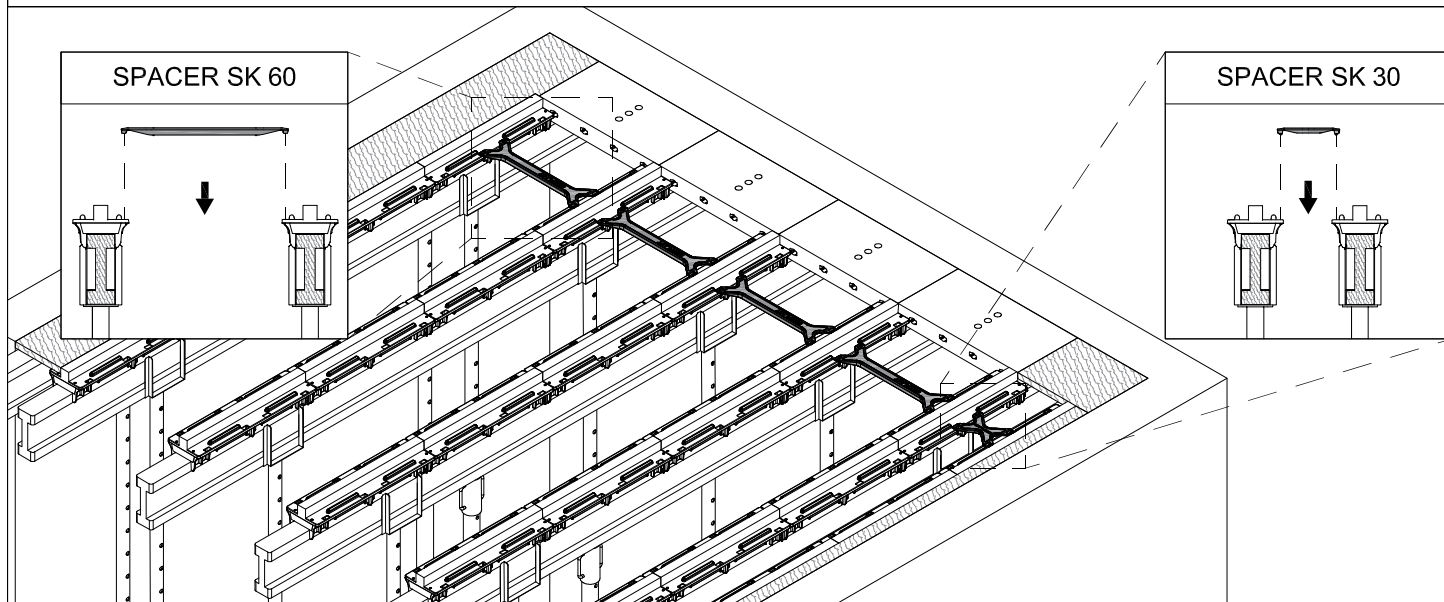
3. T BEAMS INSTALLATION INSTALLAZIONE TRAVETTI T



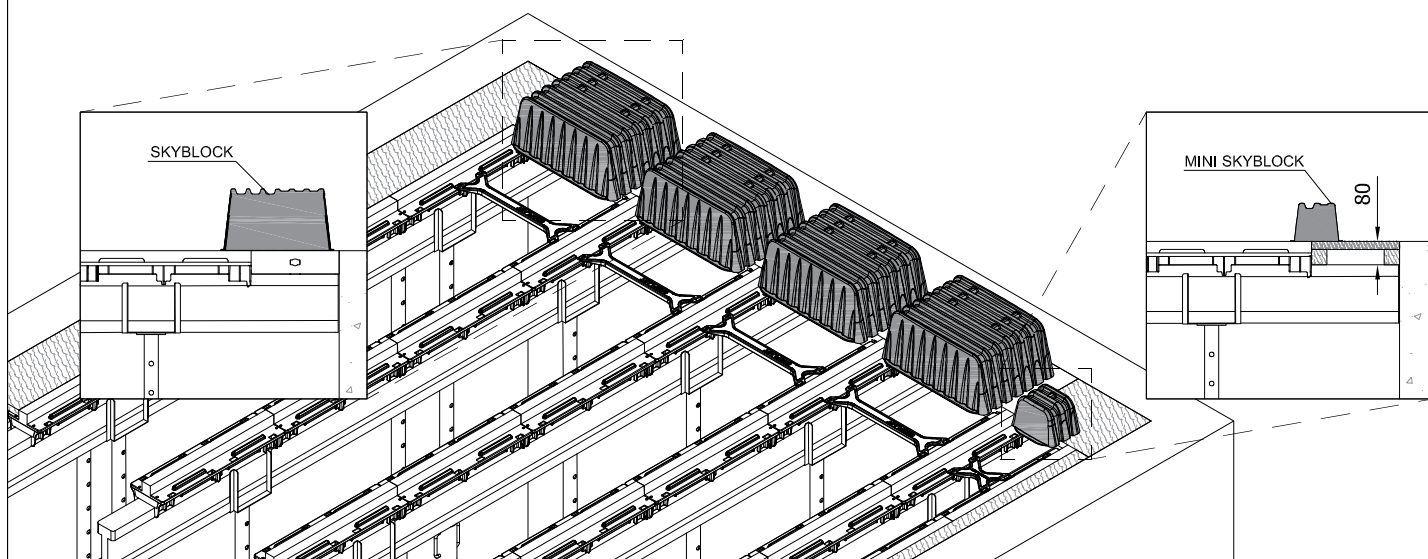
4. LATERAL WOODEN COMPENSATION INSTALLATION INSTALLAZIONE COMPENSAZIONE LATERALE IN LEGNO



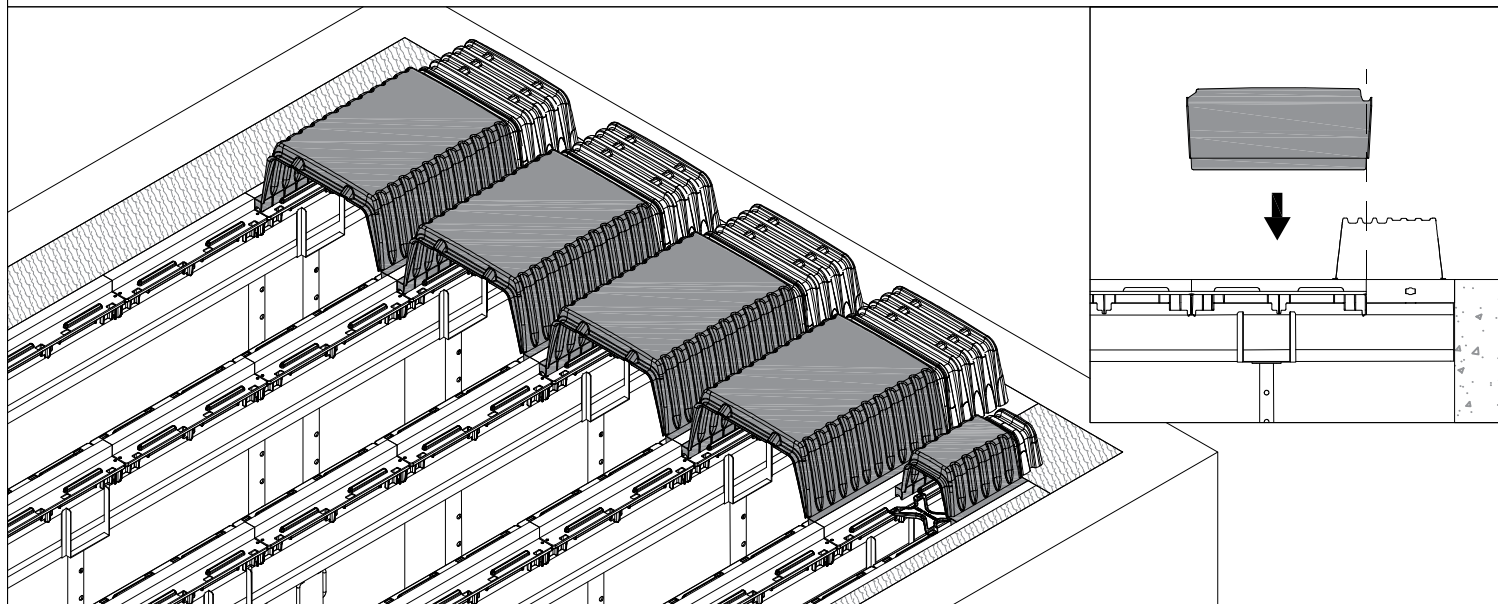
5. SPACERS INSTALLATION INSTALLAZIONE DISTANZIATORI



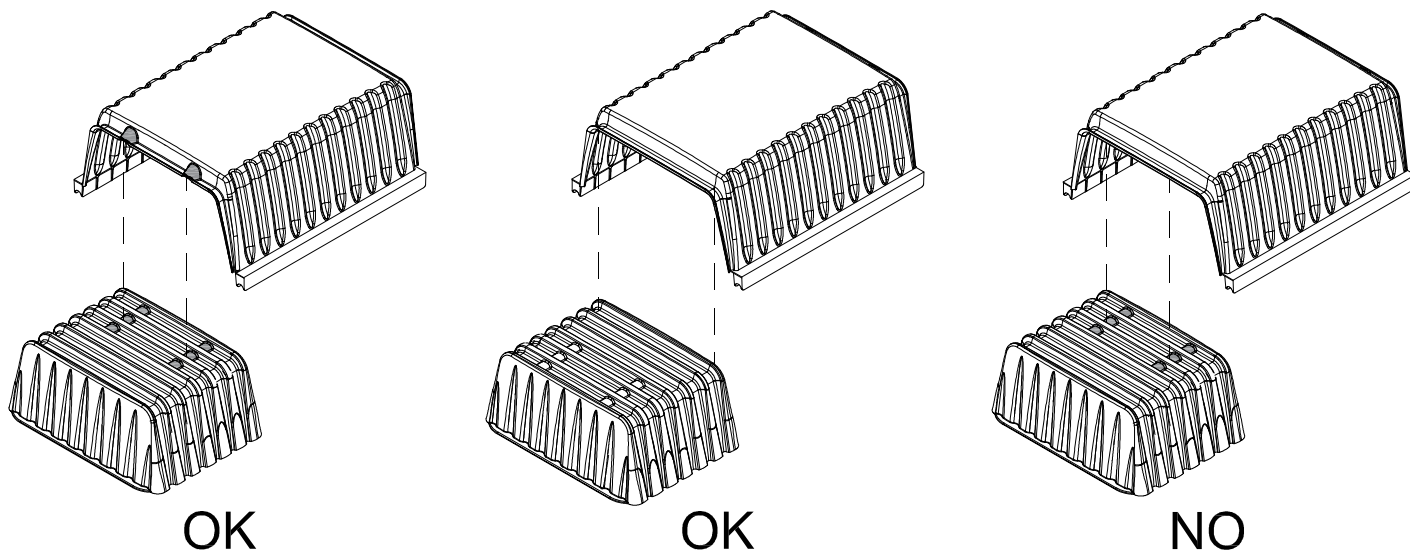
6. SKYBLOCK AND MINI SKYBLOCK INSTALLATION
INSTALLAZIONE SKYBLOCK E MINI SKYBLOCK



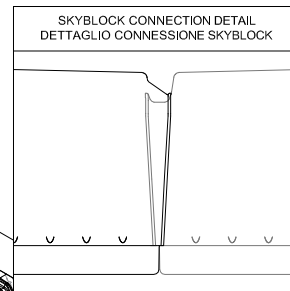
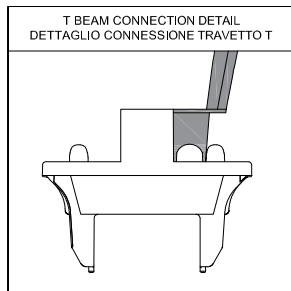
7. SKYRAIL AND MINI SKYRAIL INSTALLATION
INSTALLAZIONE SKYRAIL E MINI SKYRAIL



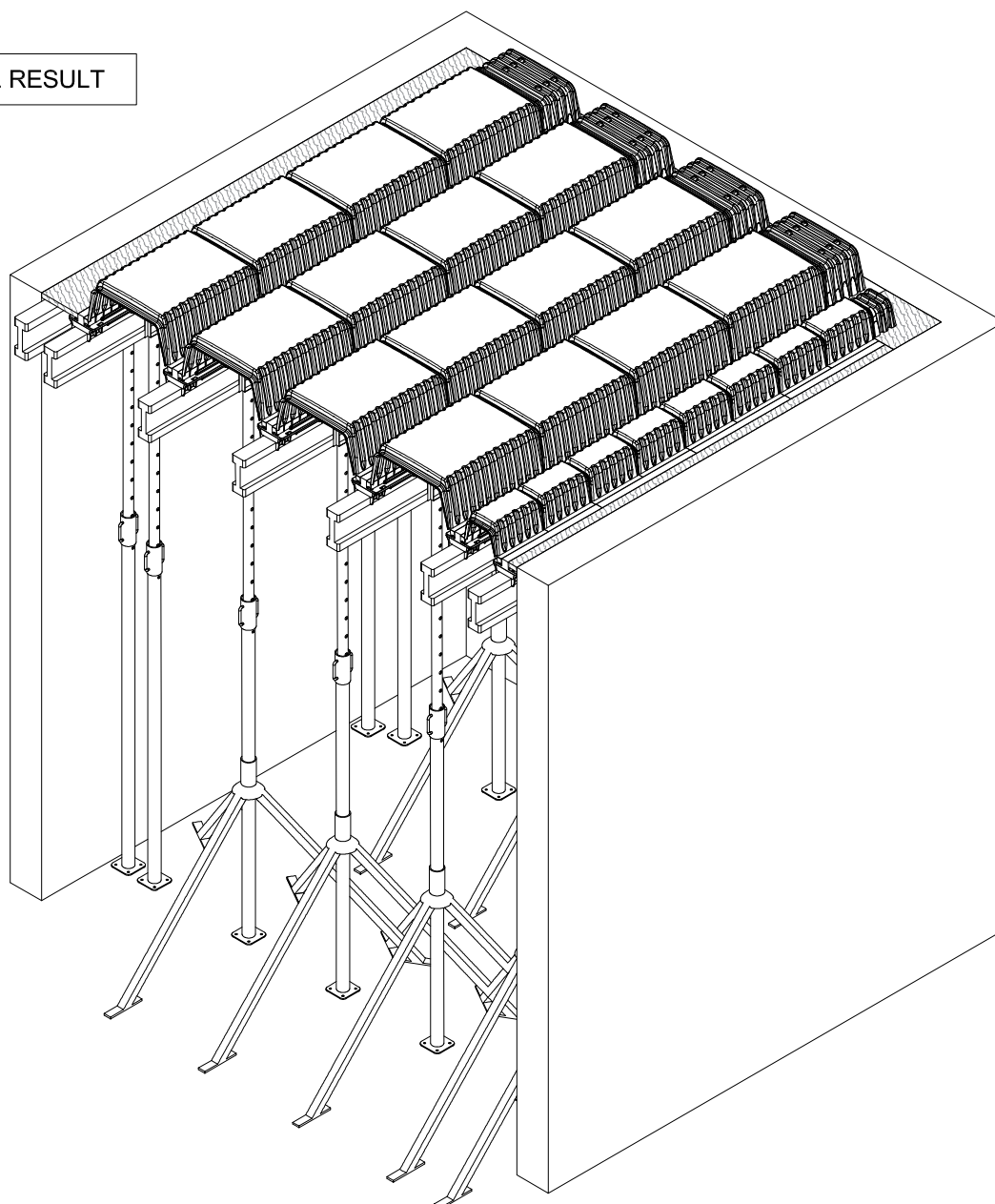
SKYRAIL/SKYBLOCK DISPOSITION
DISPOSIZIONE SKYRAIL/SKYBLOCK

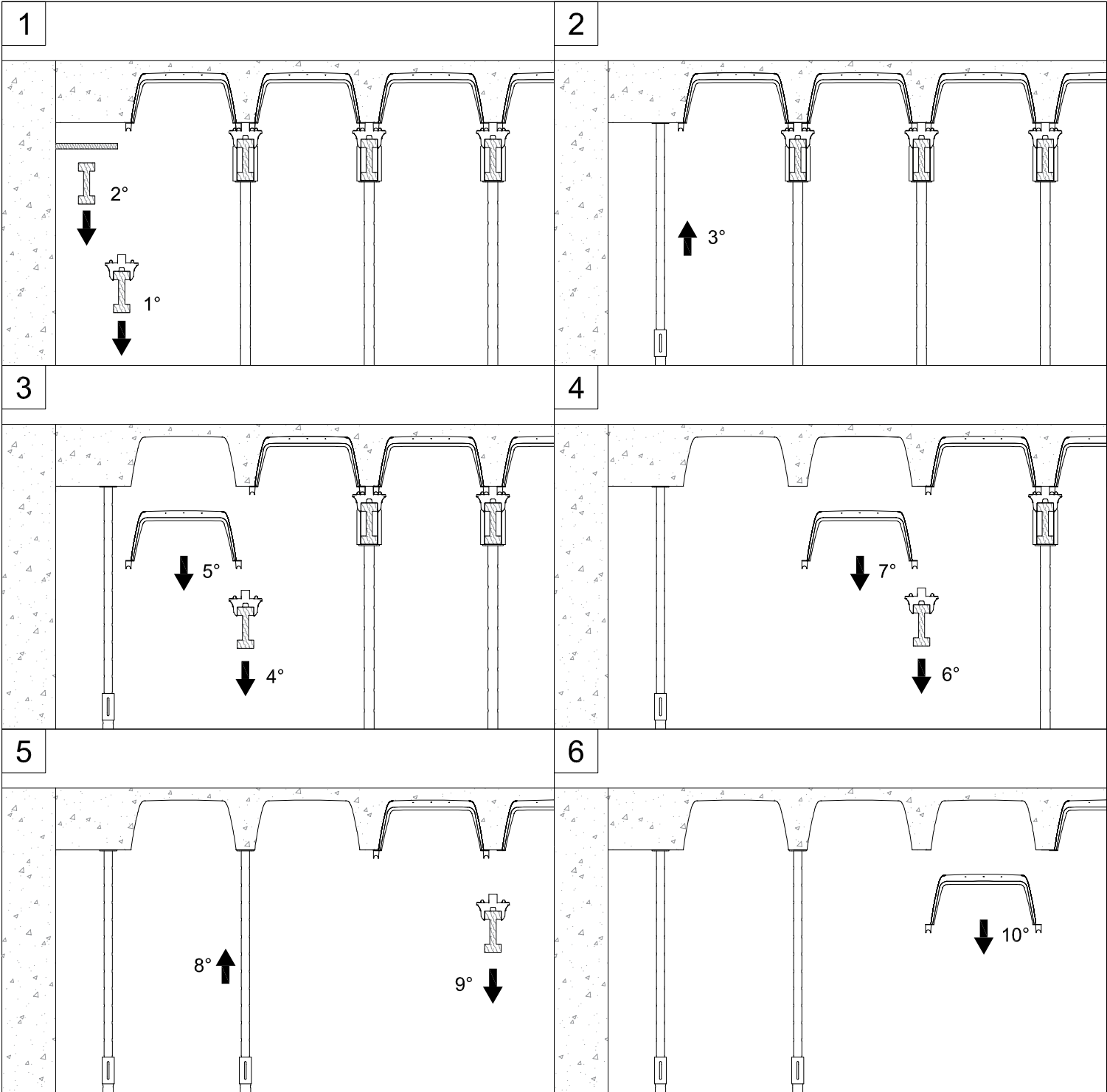


8. SKYRAIL AND MINI SKYRAIL INSTALLATION INSTALLAZIONE SKYRAIL E MINISKYRAIL

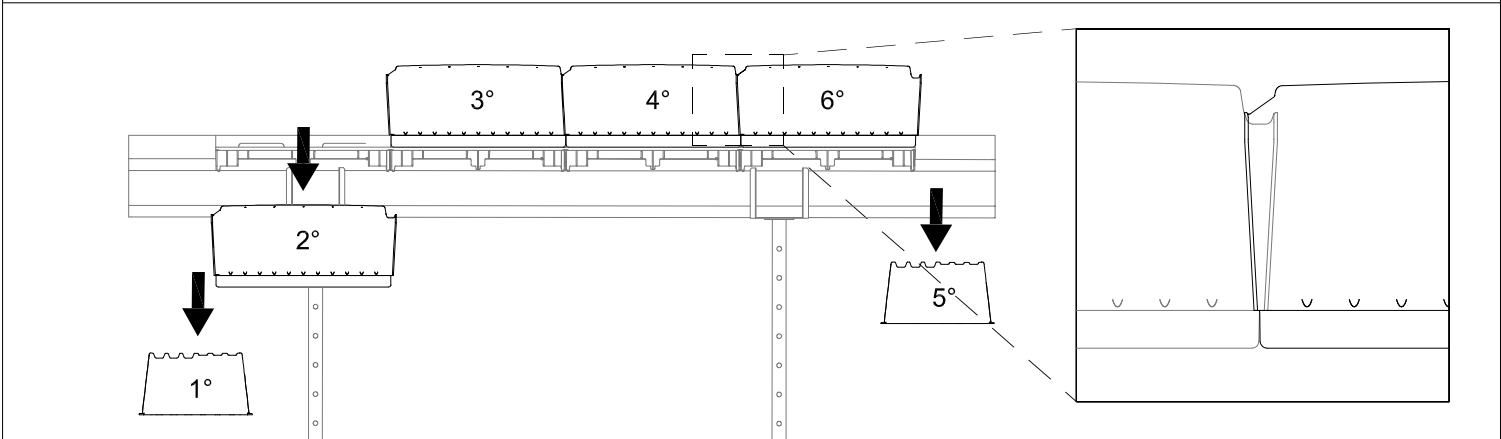


FINAL RESULT

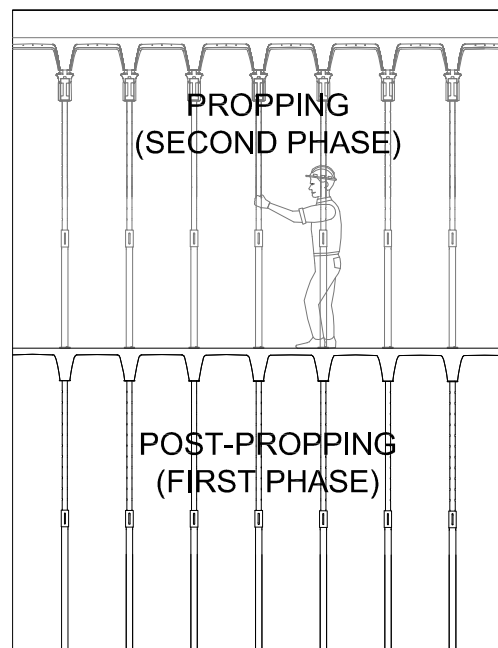
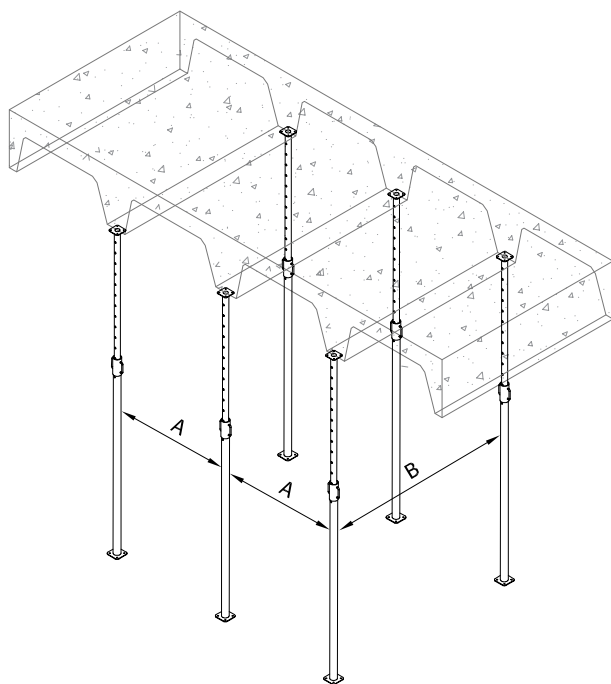




SKYRAIL REMOVING ORDER
ORDINE DI RIMOZIONE SKYRAIL



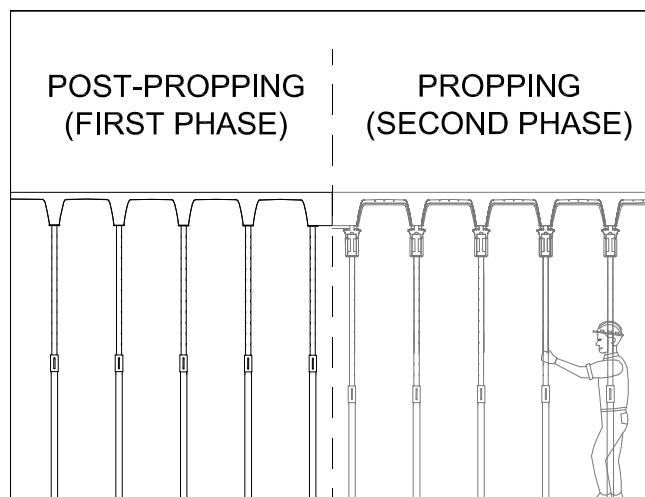
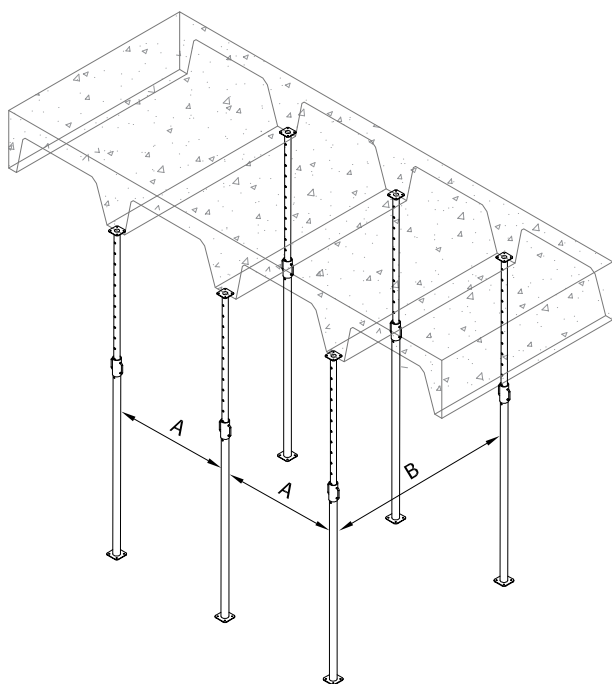
THIS PROPPING DISPOSITION PERMITS THE EARLY DISMANTLING (7 DAYS) AND THE POSSIBILITY OF THE FORMWORKS INSTALLATION IN THE UPPER LEVEL.
QUESTA DISPOSIZIONE DEI PUNTELLI PERMETTE UN DISARMO ANTICIPATO (7 GIORNI) E LA POSSIBILITA' DI INSTALLAZIONE DELLE CASSEFORME AL LIVELLO SUPERIORE.



SKYRAIL and SLAB THICKNESS	H 16 + 5	H 20 + 5	H 24 + 5
A (cm)	60	60	60
B (cm)	MAX 260	MAX 240	MAX 220

SKYRAIL and SLAB THICKNESS	H 16 + 10	H 20 + 10	H 24 + 10
A (cm)	60	60	60
B (cm)	MAX 200	MAX 190	MAX 180

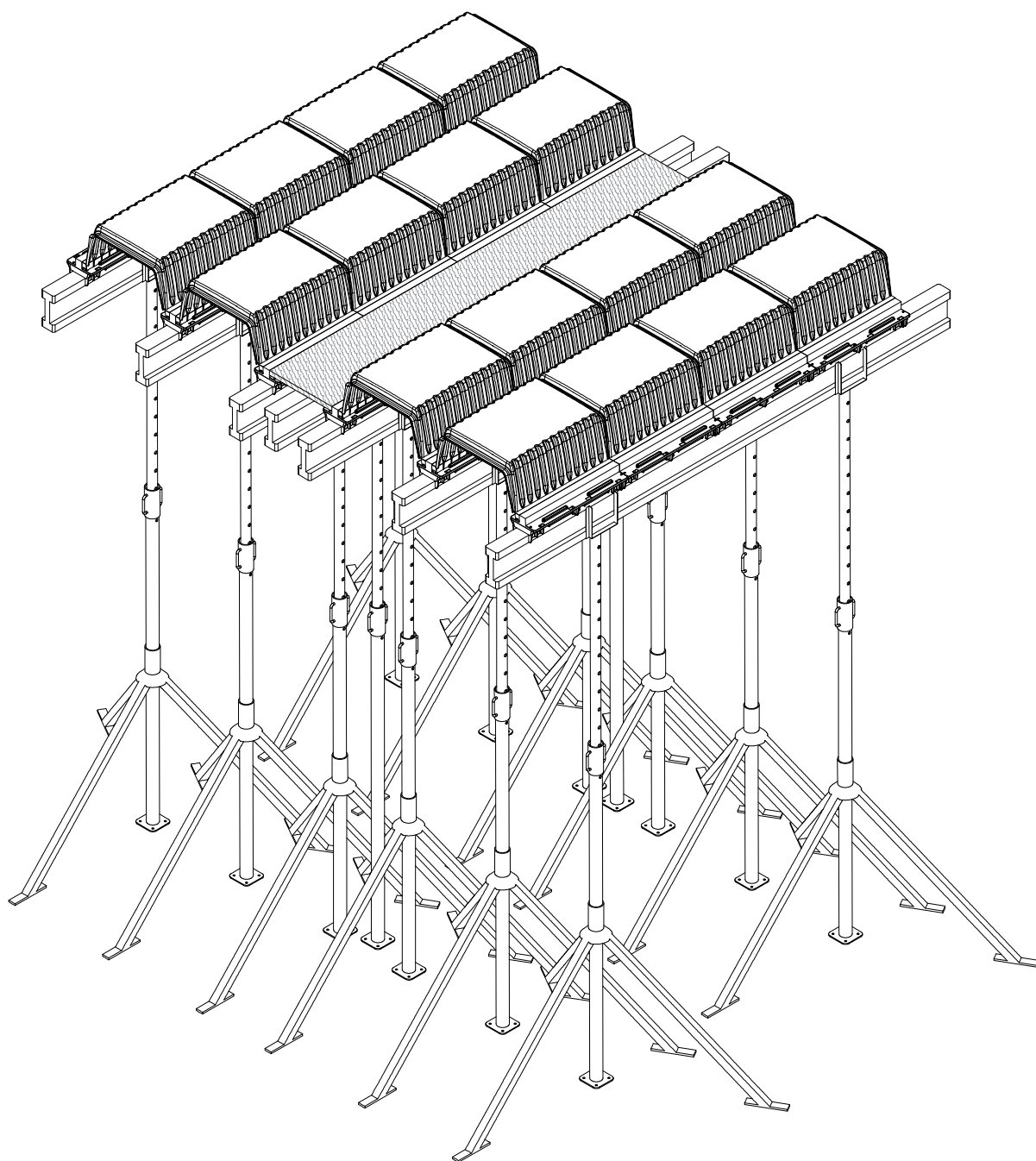
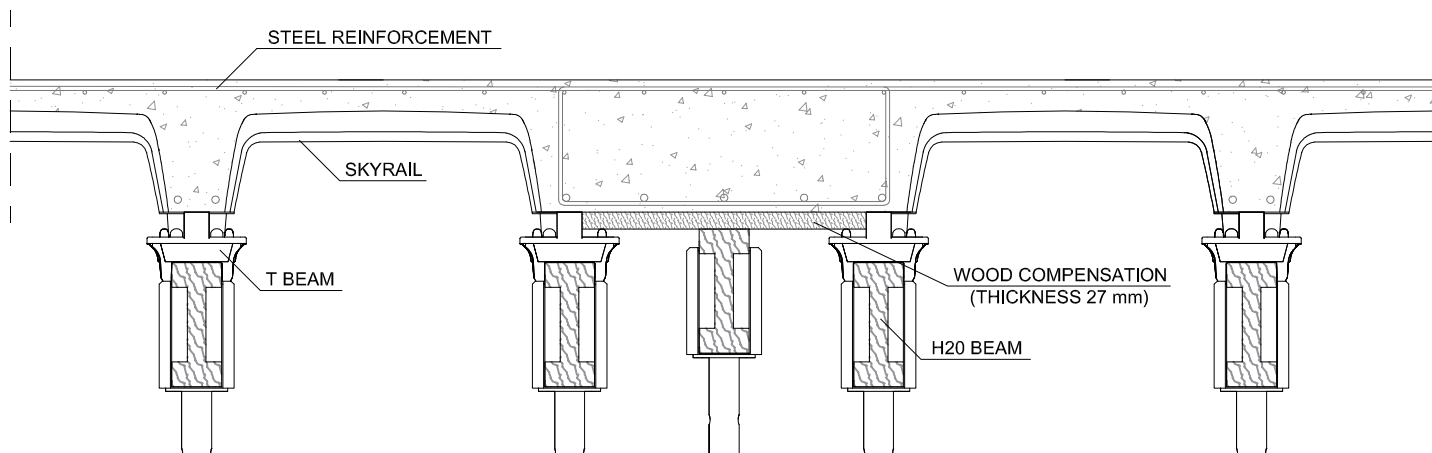
THIS PROPPING DISPOSITION PERMITS THE EARLY DISMANTLING (7 DAYS) AND THE POSSIBILITY OF THE FORMWORKS INSTALLATION IN THE HORIZONTAL DIRECTION.
QUESTA DISPOSIZIONE DEI PUNTELLI PERMETTE UN DISARMO ANTICIPATO (7 GIORNI) E LA POSSIBILITA' DI INSTALLAZIONE DELLE CASSEFORME IN DIREZIONE ORIZZONTALE.



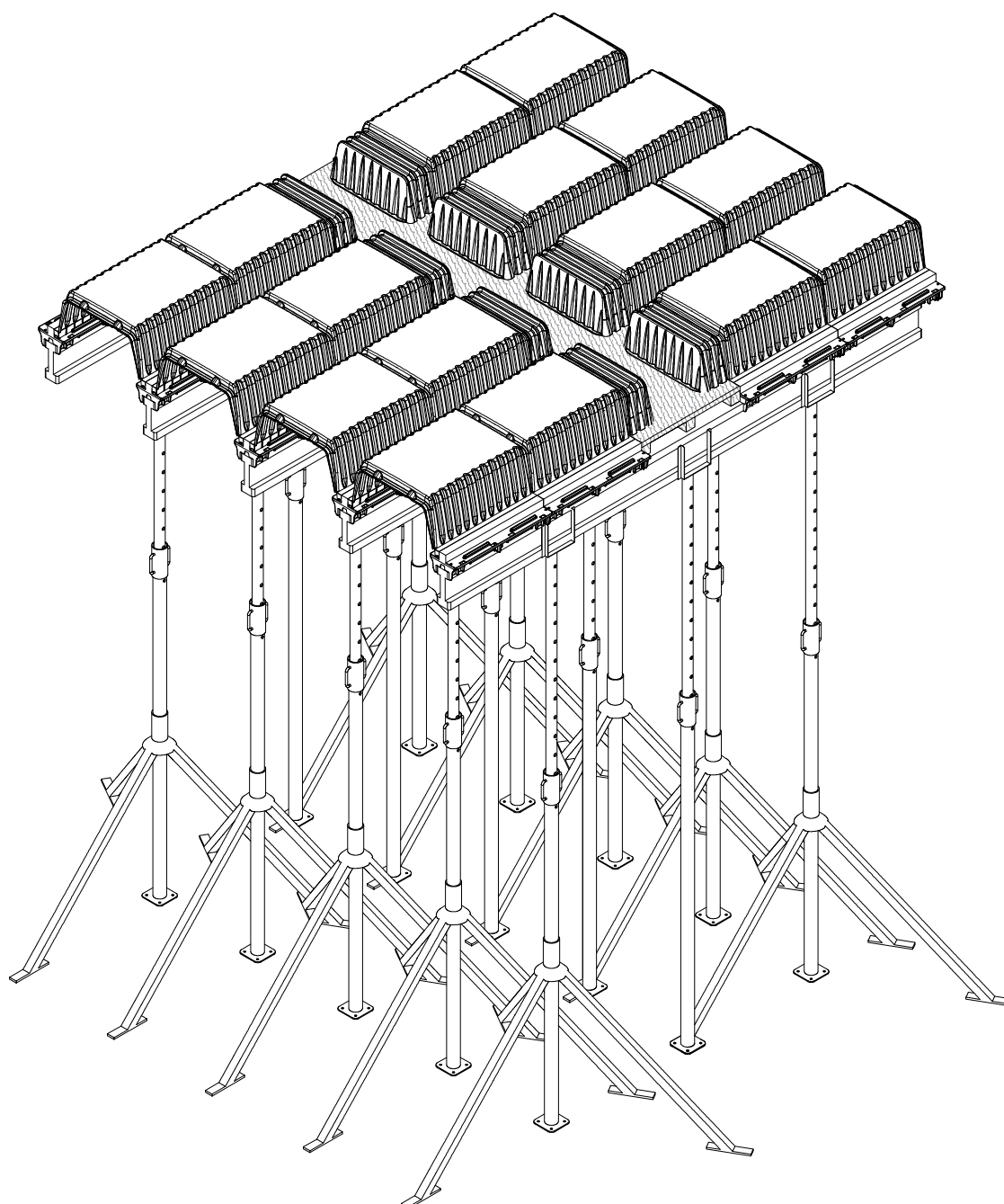
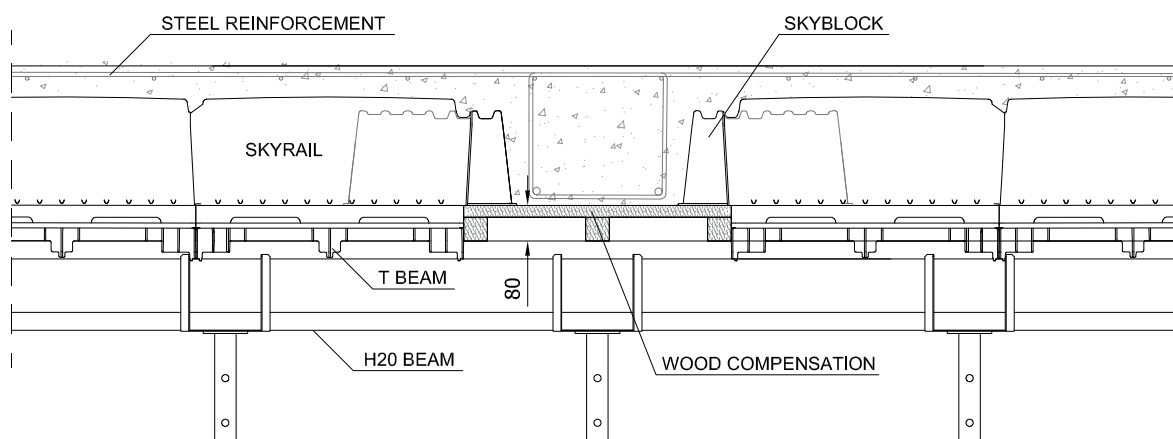
SKYRAIL and SLAB THICKNESS	H 16 + 5	H 20 + 5	H 24 + 5
A (cm)	60	60	60
B (cm)	MAX 350	MAX 350	MAX 350

SKYRAIL and SLAB THICKNESS	H 16 + 10	H 20 + 10	H 24 + 10
A (cm)	60	60	60
B (cm)	MAX 350	MAX 350	MAX 350

FRONT VIEW



SIDE VIEW



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 formworks 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 casseri in luoghi asciutti e riparati dalla luce diretta del sole.

SAFETY REQUIREMENTS

PRESCRIZIONI DI SICUREZZA

The operations of placing, assembly, disassembly, plumb, handling and cleaning of the Skyrail 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 formworks 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 Skyrail. 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 Skyrail, 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 casseri 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 Skyrail. Eventuali assemblaggi dei casseri e/o uso di accessori diversamente illustrati in questo manuale, devono essere prima approvati da Geoplast SpA.



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