MEVADEC

novatec FORMWORK SYSTEMS

Slab Formwork - Rapid, Proven, Safe

www.nova-tec.com.au

Forming of slabs has become more efficient with the introduction of the MevaDec modular slab formwork system.

MevaDec modular formwork offers three forming methods, using the one system, for any suspended slab project. These include FTE, HN and the E method.

The drop head system enables early striking to be achieved, typically within 3-4 days (subject to engineer's approval). MevaDec components can then be cleaned and reused which reduces the amount of slab formwork materials required on site.

MevaDec is extremely versatile and will:

- Handle concrete thicknesses in excess of 1000mm
- Give an option to achieve an off-form finish as required
- Greatly minimise all infill areas
- Reduce inventory and parts handling by up to 40%
- Eliminate the need to purchase large quantities of timber and plywood
- Reduce freight costs as more formwork is able to be loaded per truck than conventional systems
- Assist you to address fall from height concerns - the assembly and dismantle is typically done from below
- Provide larger open and unobstructed work areas with excellent access for other trades
- Ensure high levels of productivity, resulting in significant labour savings.

The new generation of MevaDec offers improved features for ease of handling and cleaning. A lighter panel with integrated grip profiles, simple and smart.

MevaDec Sizes	Lengths (mm)					
Panel 1600mm width			1600	800	600	400
Panel 800mm width				800	600	400
Primary Beam	2700	2100	1600	800		
Secondary Beam			1600	800		

NOVATEC - COMMITTED, FLEXIBLE & EFFICIENT

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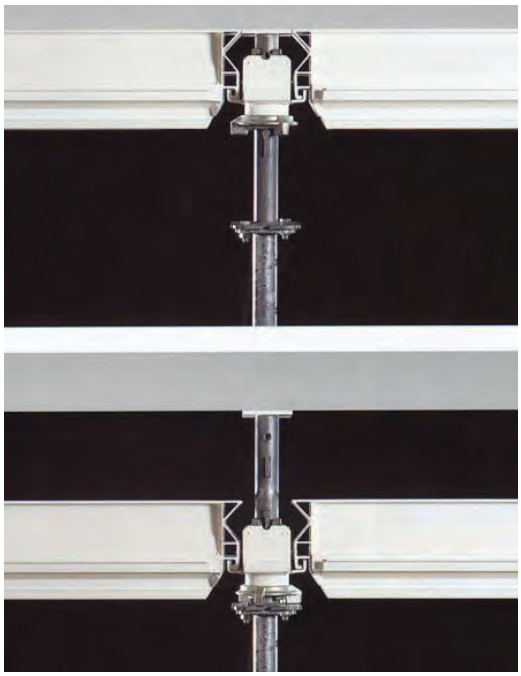
FORMWORK SYSTEMS

FTE Method Drop Head, Beam and Panel Method

The load bearing system is composed of primary beams and props with drop heads. This provides support to the aluminium panels which are faced with Alkus (patented synthetic composite). The drop head permits early striking of the primary beams and panels which are then reused for subsequent pours. The props remain behind undisturbed with the added advantage of typically having a series of single props to each 3.74m^2 area (dependent on slab thickness and or design). This can provide an open and unobstructed work area with excellent access for other trades.



HN Method Primary and Secondary Beam Method

The load bearing system is also composed of primary beams and props with drop heads. This provides support to the secondary beams. The primary and secondary beams are situated at the same level with plywood used as an overlay. The secondary beams have a composite nailing strip inset to which the plywood is nailed. The use of props with drop heads permits early striking of the primary beams and secondary beams which are then reused for subsequent pours.

The props remain behind undisturbed with the added advantage of typically having a series of single props to each 3.74m^2 area (dependent on slab thickness and or design). These provide an open and unobstructed work area with excellent access for other trades. This forming method can be applied to all floor layouts, even if the floor is not right-angled, as the modular system adapts in both directions. This system can be utilised to achieve an off-form finish.

E Method Panel Method

Panels are supported directly at their joints by props with prop heads. The prop head has an in-built anti-lift mechanism that locks on to the panel profile during assembly. It is easily disengaged during the stripping process. When props are used at each corner of the MevaDec panel, a concrete thickness of up to 500mm can be achieved.