

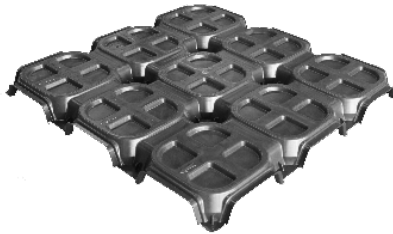
ABS Level | Fixed-height disposable formworks for lightweight fillings

The 'Level' series of ABS Disposable Formworks offers fixed heights of 5, 10 and 15 cm to create reinforced concrete raised floors in commercial or industrial structures quickly, easily and extremely economically. The formworks are made of recycled plastic and are specifically designed to enable cable trays and/or plumbing pipes to pass through them.

The products can be used alternatively to modular raised floor applications with metal pedestals. Moreover, commercial areas that are conventionally filled with 8–10 cm of dry screed to obtain a smooth concrete finish can be constructed as a reinforced concrete raised floor using ABS Level disposable formworks and junction boxes, which allows electrical and mechanical installations to pass through them. The space that normally would have been lost, can now be added to the usage area of the building.

ADVANTAGES

- **Most economical application:** ABS Disposable Formworks are more than 60% less expensive than modular raised floors with metal pedestals and composite panels.
- **Passage of technical installations:** Almost any sort of technical (electrical, mechanical, etc.) installations can be passed through the empty space that is created beneath the reinforced raised floor. By using junction boxes fixed at certain intervals, the space can be accessed from above at very low operational cost.
- **High load-bearing capacity:** Hundreds of columns, arches and domes are created in the concrete, forming a continuous structure with a very high load-bearing capacity.
- **Continuous concrete surface:** Any sort of covering (epoxy paint, wood flooring, asphalt, etc.) can very easily be applied on the surface.
- **Installation of separators:** Any sort of separator can be installed directly on the concrete surface.
- **Fast and easy installation:** Installation can be as fast as 100 m²/hour and requires no skilled labor.
- **Heat and sound insulation:** The void spaces can provide a degree of heat and sound insulation and, if properly ventilated, can also deter humidity and mildew.
- **Environmental value:** Because the formworks are made of recycled PP, they help gain considerable LEED certificate points.



ABS Level - H5

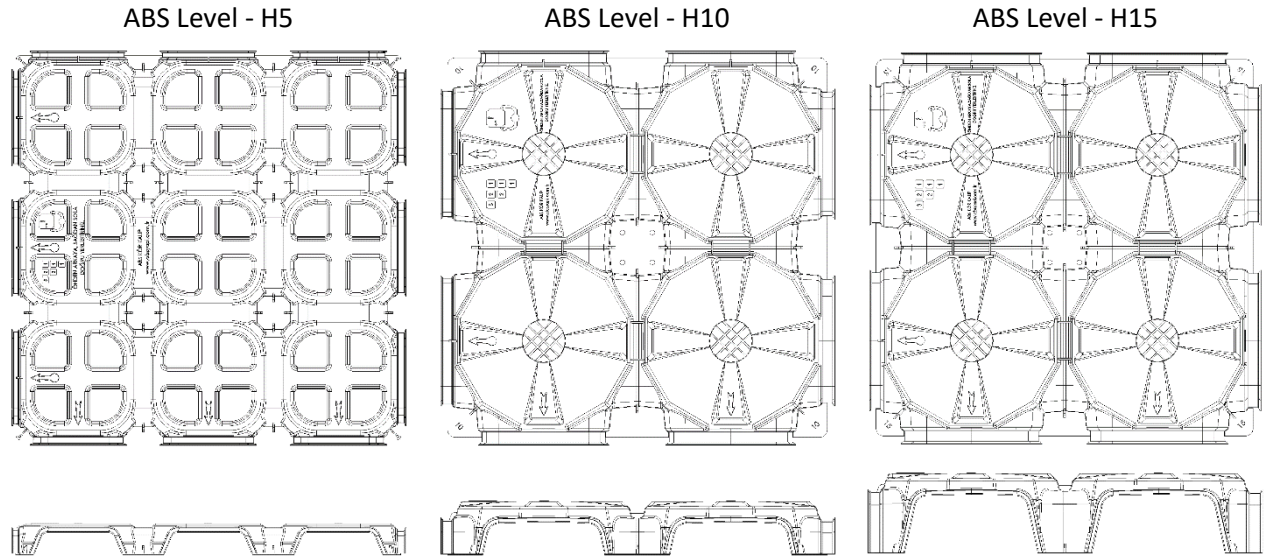


Formworks being laid



Junction Boxes

Technical Data



Dimensions:

2 formworks per m ²	2 formworks per m ²	2 formworks per m ²
9 domes per formwork	4 domes per formwork	4 domes per formwork
71 x 71 x 5 cm	71 x 71 x 10 cm	71 x 71 x 15 cm
1,78 kg/pcs	1,96 kg/pcs	2,16 kg/pcs

Net arch opening:

16 cm width, 4 cm height	23 cm width, 6 cm height	25 cm width, 11 cm height
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Concrete consumption in m³/m²:

0,010	0,022	0,025
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Material: recycled PP

Application speed: 100 m²/man-hour on a rectangular area

Pallet dimensions:

75 x 150 x 255 cm	75 x 150 x 260 cm	75 x 150 x 265 cm
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Pieces per pallet and area covered:

180 pcs and 90 m ²	180 pcs and 90 m ²	180 pcs and 90 m ²
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Pallet weight:

320 kg	353 kg	389 kg
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Technical Specifications

Please refer to the document "[Technical Specifications | Creating Reinforced Concrete Raised Floors Using Disposable Formworks](#)" for further detailed instructions about general application guidelines.