

THE UNIBÉO CONCEPT

FOAM AND FELT

For better comfort and excellent protection of the liner against the structure, the pool walls are covered with 5mm polyethylene foam and the pool floor is covered with felt.

REINFORCED CONCRETE STAIRS

The stair modules are created like the main pool structure. The concrete is poured at the same time as the floor and the walls to create an undeformable mono-block stair unit secured to the main structure. No risk of sagging or leakage, or colour disparity over time due to the lining.

LINER

A custom made or site installed liner, including over the stairs, provides perfect waterproofing for the pool. The liner fixes to the structure via an integrated liner-lock profile. Linings are available in several colours.

POOL FITTINGS

Lights and inlets, pre assembled in our factory, are already installed inside the framework. Only the skimmers are to be fixed into the location required before pouring the concrete in order to secure them with the rest of the structure.

COPING

The copings are positioned along the top of the structure so there is no risk of sagging or cracking. They allow full access to the liner-lock profile.

MINIMUM EARTHWORK

As the Unibéo structure does not require support struts, the earthworks are completed to the dimensions of the basin +0.50m. This preserves ground integrity and allows for quick installation of paving – the paving rests on undisturbed ground leading to reduced risk of sagging or cracking.

ADJUSTMENT FEET

All formwork modules are fitted with adjustable feet to facilitate levelling of the entire pool.

FORMWORK MODULE

Our patented formwork system allows basin heights of 1.20m, 1.35m, 1.50m and composed to be achieved. Our environmentally friendly panels are made of recycled plastics and are economical because they allow and even distribution of concrete inside the walls.

REINFORCED CONCRETE STRUCTURE

The whole pool is poured in concrete only once, to create a monoblock, self supporting structure in reinforced concrete. Dimensions and reinforcement diagrams are according to BAEL calculation rules. You benefit from the manufacturers 10 year guarantee.