



*A brand where success
comes as standard*

TECHNOLOGIES COMPARISONS

I. FILTRATIONS SYTEMS

Desjoyaux filtration	Sand filter
Filtration without piping (excluding PAC)	Underground pipes around the pool
Minimum risk of leakage	Significant risk of leakage in case of frost and thaw
No loss	Pressure losses
No oversized pump and over-consumption	
Easy and fast access to technical room (filtration element)	
Brewing water by turning (fluid mechanics, see attached table)	
Larger filter area 0,36 m ² , slower and more efficient filtration	Sand filtration: 0,2 m ² filter area
No sewer connection	
No wasted water (ecological)	
Filtration rating 6 microns	
Modular filtration: 6, 15 or 30 microns	
Scalable Filtration: Installation in a second time heating, NCC, electrolyzer...	
Ease and simplicity of maintenance	
Sealing equipment room	
Approved for public pools	

2. WATERPROOFNESS

PVC Membrane	Tiles
Easy to maintain	Heavy maintenance
	Tiles popping
No cement joint	Cement joint
	No guarantee
Confortable	
Choice of colors and logos	

3. STRUCTURES

Desjoyaux structure	Traditional structure	Steel panels	Shell
Reinforced concrete benefit without the disadvantages	Obligation to have a qualified professional		
Heavy structure (Masonry) 20 tons of concrete		Light structure, no concrete	Only 700 Kg
10 years warranty equipment and installation		No installation warranty	No installation warranty
Freestanding (drawing)		Not self-supporting: swimming pool always filled backfilled especially in clay soil	Not self-supporting: swimming pool always filled and and backfilled especially in clay soil
Resistant groundwater		No resistance to groundwater	No resistance to groundwater
Resistant earth pressure (eg clay soil)		No resistance to earth pressure: deformations	No resistance to earth pressure: deformations and cracks
Resumption of beaches without collapse construction to be cantilevered			No beach recovery
Fast instalation (5 days)	Length of implementation: 1 day ap, 3 days mounting, 1 day chaining (Arrase), 2 days of plaster, 1 day and 3 days liner pipe		Access to site constraints
Every shapes and dimensions	Limited forms only straight		
Pile Construction		Danger with difficult ground	Limited forms and fixed dimensions (transport pb) danger if difficult ground
Monolithic structure (concrete poured at once)	Not monolithic structure, risk sissure on the bottom of the basin (junction wall / slab)	Not monolithic structure, risk sissure on the bottom of the basin (junction wall / slab)	Not monolithic structure, risk sissure on the bottom of the basin (junction wall / slab)
1 m 20 tall structure		Maximum height 1.05 m, due to resistance problems	
The structure do not seal : liner also provides aesthetic	With the structure solidarity tightness if the structure is damaged then drain problem and aesthetics	Risk of corrosion if the pH is acidic ground (around the projector, bottom panel ...) and so tasks on the liner	With the structure solidarity tightness if the structure is damaged then drain problem and aesthetics
No surprise if sealing problem (changing liner cost € 1300)	Refection on a tiled pool € 9000 if refection piecemeal: one sees all times (eg silicomarbreux coating). Plaster on a wooden leg		If gel coat corrupt: empty the pool (be careful if no relief wells), sand the pool (difficult and important work time), spray painting with favorable hydrométries conditions (which is not always the case) and dust (cover pool) all for € 3,000 and a random result Gel coat technically very sharp: a very low hydrometric when making gel coat (uncontrollable)
Easy repair			
Effective renovation	Temporary renovation		
No felt : no moisture putrefaction in the felt (tasks, fungi ...)			