SUPERCOVER

Heat retention pool cover

Plastica

The UK's Leading Independent Swimming Pool Manufacturer and Distributor

Pools & Leisure (Ireland)



Tough Heat Retention Cover

Manufactured from a highly efficient foam centre layer with strong polyethylene coated woven top sheet and embossed & sealed underside

Domestic & Commercial

All Plastica heat retention covers are welded longitudinally and are hemmed on all exposed edges making them as strong as possible for pools from 5m to over 50m

Reduces Costs - Saves Money

Seals the pool water surface to minimise heat loss through evaporation. Water loss and use of water treatment products is also reduced

Indoors or Outdoors

Fully UV stabilised material is formulated to be compatible with use on heated outdoor pools where solar gain is not required

www.plasticapools.net

SUPERCOVER

HEAT RETENTION POOL COVER

Plastica Supercover is a tough thermal insulation cover suitable for use on both indoor and outdoor domestic and small commercial heated pools. It is manufactured from three separate materials, bonded together for unrivalled strength and durability.

It is constructed from 5mm thick polyethylene closed cell foam with a woven coated blue polyethylene top surface which is UV stabilised and wear resistant. The underside of the cover has a thin embossed layer of clear polyethylene. The embossed finish on the underside of the cover has been designed to give good drainage and rolling characteristics as the cover is wound off the pool. Supercover has reinforced hemming around its outer edge which prevents wear against the pool sides and makes for an attractive finish.

Whatever the size of pool, Supercover saves on heating costs and costly chemical replacement that would otherwise be lost through evaporation. Typically over 22% savings can be made on any heated pool.

Plastica also supply an extensive range of optional extras for Supercover including leading edges, to enable the cover to be easily pulled onto the water, and commercial and domestic reel systems, manual and motorised. Please ask your stockist for details.

Proportional Heat Loss Chart

TYPE OF HEAT LOSS	AMOUNT IN % OF OVERALL	HEAT SAVED with 400 GRADE SOLAR COVER	*HEAT SAVED with SUPERCOVER*	HEAT SAVED with PREMIUM
EVAPORATION From Pool Surface	68%	95%	*95%*	95%
RADIATION From Pool Surface	14%	78%	*81%*	85%
CONVECTION From Pool Surface	17%	60%	*65%*	73%
CONDUCTION Through Pool Shell	1%	0%	*0%*	0%
TOTAL	**100%**	**86%**	***87%***	**89%**

Main figures and heat loss percentages from the Sports Council Energy Data Sheet. The comparisons shown are made using 27°C water temperature working against 21°C ambient temperature, 60% R.H. and 5 mph wind speed. A transmittance value of 0.14 W/m².K has been allowed for on all covers for Surface Effect.

---

400 Grade Solar Cover with a U value of 4.22 w/sq.m.°C saving 86% of potential heat loss.

5mm thick heat retention Supercover with a U value of 3.68 w/sq.m.°C saving 87% of heat loss.

8mm thick Premium cover with a U value of 2.85 w/sq.m.°C saving 89% of heat loss.

5.00°C heat loss in 5 hours with no cover.

0.65°C heat loss in 5 hours with a Supercover.

GENERAL STATEMENTS (FROM GOVERNMENT FIGURES)

- Approximate savings of 22% can be estimated for heating on pool as above conditions
- Payback periods have been shown to be between 6 months and two years for complete system

Relax it's Plastica

www.plasticapools.net

Your local supplier:

POOLS & LEISURE (IRELAND)