

# Equipment and Chemical

## Selection

superior sales support from Topline



DATA SHEET

Topline are pleased to offer advice on the correct selection of equipment, based on the location, type and size of facility. If the equipment selection is correct then the operator will be able to easily maintain safe balanced water.

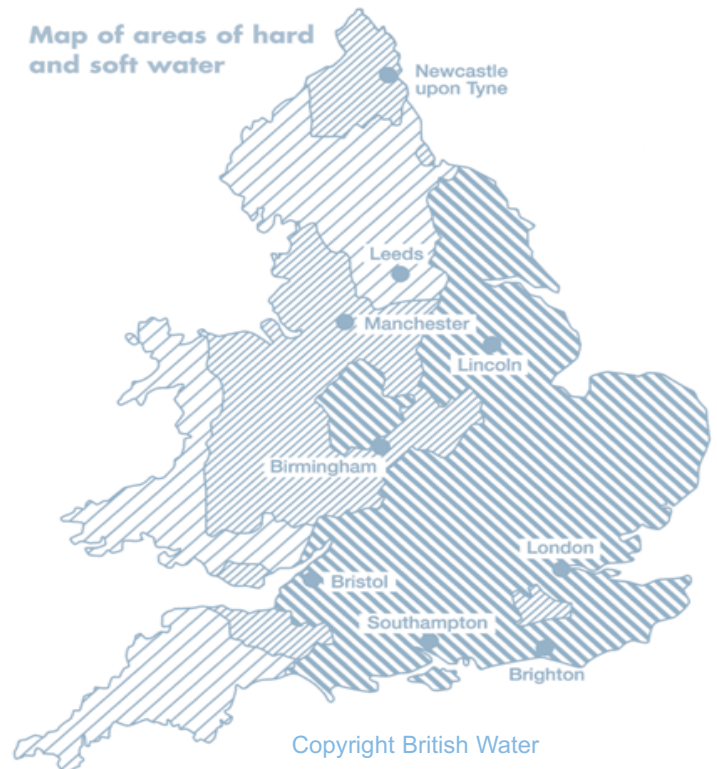
The benefits of allowing Topline to specify the equipment include:

- Day tank sizes to suit water volume.
- Pump sized to meet peak bather loading.
- Water balance is easier to maintain.
- Customer satisfaction.
- Guarantee that equipment will be changed free of charge if incorrect.

Equipment and chemical selection is fundamental to the operation of a swimming pool. If the wrong capacity or type is selected then the user could experience:

- Low alkalinity
- Low calcium levels
- High sulphate levels
- High alkalinity
- High calcium levels

Map of areas of hard and soft water



= Soft to moderately soft



= Slightly hard to moderately



= Hard to very hard

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all the advice and equipment you need for reliable pool treatment

### Equipment selection check list

Pool Type	POOL	POOL	POOL	SPA	SPA
	>350M3	>200M3	>50M3	>10M3	>1M3
<b>Controller</b>	TEC2000	TEC2000	TEC2000/750	TEC2000	TEC2000/750

### Dosing Pumps

#### Na HSO4 (Dry acid 10%) Incoming calcium hardness and alkalinity are above 100 ppm

Day tank size litres +110% bund	300	200	100	50	50
Agitator	Man	Man	Man	Man	Man
Pump model +4 function valve	B145	PO65	PO65	PO55	PO55
Injector type	LMI	LMI	LMI	LMI	LMI
Dosing hose size	1/2	3/8	3/8	3/8	3/8

#### Na OCl (Sodium Hypo 10-14%) Incoming calcium hardness and alkalinity are above 100 ppm

Day tank size litres +110%bund	300	200	100	50	50
Agitator	No	No	No	No	No
Hand transfer pump	Yes	Yes	Yes	Yes	Yes
Pump model +4 function valve	B145	PO65	PO65	PO55	PO55
Injector type	LMI	LMI	LMI	LMI	LMI
Dosing hose size	1/2	3/8	3/8	3/8	3/8

#### Ca OCL2 (Cal Hypo 3%) Incoming calcium hardness and alkalinity are below 100 ppm

Day tank size litres +110%bund	500	300	200	100	100
Agitator	Elec	Elec	Elec	Elec	Elec
Pump model +4 function valve	B145	B145	PO65	PO65	PO55
Injector type	Rod	Rod	Rod	Rod	Rod
Dosing hose size	1/2	1/2	3/8	3/8	3/8

#### CO2 (Carbon dioxide) Incoming calcium hardness and alkalinity are below 100 ppm

CO2 detector to be used if plant room floor is below ground level

CO2 correction system	Topline	Topline	Topline	Topline	Topline
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In addition to the above which are intended to guide, consideration should be given to hydrochloric acid (does not increase sulphate in pool water) when high bathing loads are expected. Dual dosing CO2 and acid (the incoming alkalinity is not stable).



### Topline Electronics Limited

Unit A8 Ropemaker Park  
Diplocks Way Industrial Estate  
Hailsham, East Sussex BN27 3GU

Tel: 01323 440760 Fax: 01323 844508

Email: sales@topline.uk.net

Internet: www.topline.uk.net