




# Your best line of defence against osmosis

SOLUTION CHOICES  COMMON PROBLEMS	ANTI-OSMOSIS PRIMER	ASSOCIATED OSMOSIS SYSTEM PRODUCTS	
	 <b>GELSHIELD® 200</b> Epoxy primer for osmosis protection	 <b>GELSHIELD® PLUS</b> High build solventless epoxy for osmosis treatment	 <b>WATERTITE EPOXY FILLER</b> Quick drying epoxy filler for above and below waterline
PROTECTING NEW/USED HULL ( <i>GOOD CONDITION</i> ) FROM OSMOSIS	YES	NO	NO
REPAIR OF GRP HULL DAMAGED BY OSMOSIS*	YES***	YES**	YES

\* Osmosis treatment and repair should be carried out only by a qualified professional – contact the International helpline for further information

\*\* Not to be used direct to Gelcoat. If solvent free system is required on gelcoat, apply 1 coat of Epiglass before application of Gelshield® Plus

\*\*\* Only in conjunction with Gelshield® Plus Solventless Epoxy

IF THE BOTTOM IS NEW OR UNPAINTED	
1	Scrub the surface thoroughly with Super Cleaner using a stiff brush. Flush with fresh water to remove any residue and allow surface to dry.
2	Inspect the hull for signs of damage or cracking and repair any defects with Watertite Epoxy Filler. Any small areas should also be filled with Watertite Epoxy Filler. Larger areas should be patch primed with Gelshield® Plus Solventless Epoxy. In the event of more extensive damage being found, make sure that the water has not already entered the laminate.
3	Sand the gelcoat thoroughly using 180 grit sandpaper, then remove the sanding residue using Super Cleaner.
4	Mix three parts Gelshield® 200 base to one part Gelshield® 200 curing agent, by volume. Mix only what can be used in five hours. Apply coats of Gelshield® 200 following the overcoating intervals in the chart on page 39. Gelshield® 200 is available in two colours for ease of overcoating. Apply five to six coats (minimum thickness 250 microns). Finally apply International antifouling paint following the overcoating intervals listed on page 39.

**IF THE BOTTOM HAS BEEN PREVIOUSLY PAINTED, COMMENCE WITH STEP 2.**



**IMPORTANT:** THE APPLICATION OF THE GELSHIELD® PROTECTION SYSTEM COULD PROTECT AGAINST SERIOUS AND COSTLY STRUCTURAL PROBLEMS IN THE LATER LIFE OF YOUR HULL.