cotec

APPLICATION GUIDE

# PS-E012

# FILLING AND MAINTAINING YOUR POOL WATER

**INTRODUCTION:**

EPOTEC is designed to provide a long lasting, functional and protective finish, while looking good. As with all products, a longer life will be achieved when it is looked after correctly. Below we point out some key factors for you to follow.

Now you have a new pool coated with EPOTEC a few simple techniques will keep it looking great for years. EPOTEC is designed to provide a long lasting, functional and protective finish, while looking good. As with all products, a longer life will be achieved when it is looked after correctly.

**CURING:**

EPOTEC should be allowed to cure for 5 (Summer) 7 (Winter) days before filling the pool. This is to allow a full cure to happen before subjecting it to chemicals. After the first 6 hours (at 25C) or so of application any rain that falls on the EPOTEC will have little impact and un off over tiles/grout, pavers) in which case it may stain the new surface and should be removed.

Cold overnight conditions (dew), high humidity, rain, garden water runoff and/or frosts may cause a white blooming on the surface, within the first few days. Leaking pipes and valves may create the same effects. Also water running over cement, tiles, pavers or grout may also cause lime staining on Epotec.

This is aesthetic only and will not impact on the performance of the EPOTEC. It will look unsightly and can be removed, though it will usually wear off over 3-4 months or so, once pool is in service. To remove residues, use a Scotch Brite Pad (or similar) and a mild abrasive like Ajax or Vim. It may slightly dull the surface. Diluted vinegar maybe used too. If hard to remove all reapplication of a coat of EPOTEC will be required.

Do Not usually enter pool until it is sufficiently cured, 16 24 hours after any application.

**BEFORE FILLING:**

Any leaves, animals, insects should be removed as EPOTEC. Remove by careful scraping, sanding or washing. Leaf stains usually disappear once pool is in service. Be careful when accessing pool as coating will be slippery.

**FILLING AND CHEMICALS:**

Check that the Hydrostatic valve (if fitted) is working correctly. Fill with clean water. Allow to stand 24 - 96 hours max, then add chemicals (inc Salt) making sure they are well diluted first. Then mix into the pool water completely. Any chemicals that are added directly may sit on bottom and result in concentrated chemical attack or stains and reduced life expectancy to the EPOTEC.

Follow professional advice to get pool into the correct chemical balance.

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**POOL WATER MANINTAINENCE**

Please Print this off & keep with your Pool Service Papers

Whether you care for your pool yourself or use a pool service professional, you should settle for nothing less than the best, for your water (and your pool), at all times.

For maximum life of the coating, the pool water quality should be maintained continuously in accord with accepted pool water management practices and the following criteria;

- pH 7.4 -7.8, Water temperature between 5 35°C
- Total Alkalinity 80-120 ppm (min) to 160 -180 ppm maximum
- Chlorine levels 2 3 ppm (parts per million)
- Calcium Hardness should be closely monitored and kept within 270 330 ppm
- Pool regularly cleaned in accord with generally accepted practice,
- Pool chemicals to be correctly mixed and not dumped into pool,
- Pool remains full of water
- If using a Cu/Ag system monitor & keep ion concentration low to prevent staining.
- If having your pool professionally maintained then make sure they set the testing equipment to painted surfaces, not any other. Otherwise incorrect chemical dosage may result, shortening the life of the EPOTEC.
- Also, Total Alkalinity should be carefully maintained to prevent a powdery surface developing with attendant “pick up” on hands and feet for a shorter life.

Coating Technologies do not purport to be water treatment experts, our field is the paint coating however we have constantly come up against water quality issues over the years and have built up a significant understanding of the problems associated with this and are happy to pass on what we have learnt.

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