

Underwater Magic Installation Tips

When your pool is in Chemical balance we are ready to give you tips and tricks to get the best results for your magical pool repairs with Underwater Magic™ products underwater and in wet areas.

General guidelines

1. Get your tools together: you need a good caulking gun for easy working, Underwater Magic™ 290 ml tubes in a color matching your grout lines, a cutting tool to open the tube, new Scotch-Brite™ type sponge for cleaning the area before and after the repair and a razor blade to remove cured material when needed.
2. If you have not watched our Videos yet now is the time to do it. It will help to visualize the procedures and leads to better results.
3. Cleaning and preparation are essential all surfaces need to be clean, solid and free of any contamination of dirt, algae, grease, silicon etc.
4. Use a new Scotch-Brite™ type sponge to rub away all loose particles and algae, etc. Use the rough side to achieve this. After cleaning make sure that the underground is really solid, long term exposure to chlorine water can make concrete brittle and can lead to a structural damage, if in doubt consult a specialist to evaluate the condition of your concrete. Underwater Magic™ will adhere to the underground and can only be as strong as the underground itself!
5. We always recommend the following: Practice out of the water if this is your first time you do an underwater repair with Underwater Magic™, use disposable gloves when handling Underwater Magic™, this will protect your hands and helps avoiding stains.
6. If you have to use scuba gear be certified and follow all international recommendations and local laws for working underwater, have a person out of the water as backup. Be proper overweighed to be as stable as possible underwater, check your air consumption more regular not to lose track while concentrating on your repair task.
7. PE (Polyethylene), PP (Polypropylene) as well as HDPE/PEHD (High-density polyethylene) and LDPE (low-density polyethylene) plastics are constructed as 'non-sticky' plastics, you need a special adhesive made for this kind of plastic to glue them, all are not compatible with Underwater Magic™.
8. If you have a special coated material marked as dirt resistant or with lotus effect etc., you need to remove the coating in the area where you want to use Underwater Magic™. Always make a self-test to see if the product is compatible with Underwater Magic™.

Tiled pools

1. New tiles have very often a silicone layer as scratch protection during transport; this layer needs to be removed before installation.
2. For re-tiling use a u-pater or lines do not apply Underwater Magic™ full face (on the whole tile) this will interfere with the curing process.
3. Underwater Magic has a skinning time of 7 minutes outside the water, when applied underwater the skinning starts immediately and to achieve a proper bond Underwater Magic™ needs to be pressed firmly against the surface and also the tile needs to be pressed firmly against the underground to “break off” the skinned part and to achieve a proper bond.
4. When you use Underwater Magic for grouting the preparation stays the same all surfaces need to be solid, clean and free of any algae, grease, silicon etc. again use a Scotch-Brite™ type sponge to rub away all loose particles and algae, etc. Use the rough side to achieve this.
5. Press the glue firmly into the grout lines making sure that Underwater Magic gets in direct contact with all sides and has no chance to skin in the water before touching the surfaces, use a grout line squeegee to build a proper formed grout line, a old credit card or a wooden medical spatula will do the same (a normal grout line has a slight u shape and is not in one level with the tiles).
6. Try to avoid staining of the tiles since the only possibility to remove Underwater Magic™ underwater is mechanical by rubbing it away with the rough side of a Scotch-Brite™ type sponge or cutting it away with a razor blade.
7. To ensure proper curing of the material allow 5 to 7 days after application before you use a shock treatment to your pool water.

Liner pools

There are more than 11.000 different liner materials on the market and daily new ones get invented, around 7000 of them are compatible with Underwater Magic, so we can only recommend a self test if your liner material is compatible with our products.

1. When you use Underwater Magic™ be aware that cleaning and preparation are essential, all surfaces need to be clean, solid and free of any contamination of algae, silicon, etc. Roughen the surfaces slightly with sand paper has shown a better bonding result.
2. Use a patch, clean both the patch and the area where you need to apply the patch, use sandpaper to roughen the surfaces and apply Underwater Magic in a square pattern not as a full face layer, apply the patch and carefully press it against the repair area and give it 1 to 5 minutes to achieve initial bonding strength (time depends on the positive bouncy strength of the patch). If you are repairing a tear where you have access to both sides we recommend to apply 1 patch on each side.
3. To ensure proper curing of the material allow 5 to 7 days after application before you use a shock treatment to your pool water.

Pebble pools

1. Follow the general guidelines for handling Underwater Magic™.
2. Always make a self-test to see if your pebble material compatible with Underwater Magic.
3. To ensure proper curing of the material allow 5 to 7 days after application before you use a shock treatment to your pool water.

Fiberglass pools

1. Follow the general guidelines for handling Underwater Magic™.
2. To ensure proper curing of the material allow 5 to 7 days after application before you use a shock treatment to your pool water.