



What You Need To Know Before You Start

Welcome to the highly profitable world of Rubber Surfacing! In this document you will be provided with the most vital information relating to this unique industry. This compiled information is critical to ensuring your Rubber Surfacing projects run smooth. One false move, one small mistake can and will result in a big mess and lost revenue.

Rubber Surfacing is porous: Yes, this means it is not waterproof. Never suggest to a potential client that it is waterproof. Rubber Surfacing uses a Poly-Urethane primer that penetrates and protects the surface, this can and will prevent further decay to concrete, wood, and other substrata. If a client would like a waterproof product there are ways to do so and you can find this information in the article archive.

Rubber Surfacing can crack: It is less likely to do so than any other product out there. Rubber Surfacing has the ability to expand and contract to accommodate for ground movement and freeze-thaw cycles. Depending on your Rubber and you resin mixture it can expand and contract up to 40% its own size! Severe heaving and low stretching material can result in cracks which can be easily repaired and seamless.

MDI Aromatic and Aliphatic Resin: What's the difference?: MDI resin is your standard grade Aromatic Resin. It is the industry standard resin and it's much cheaper than any Aliphatic. The only Vice with using the MDI is the Yellowing effect that occurs when the UV rays hit the finish. The Rubber Surfacing will take on a darker, yellow look and this process will be "Burned off" in 2 weeks to 6 months depending on the amount of sunlight exposure. It is never recommended to use MDI resin with light colors such as white, pearl, and grey. Aliphatic usually takes longer to cure but is crystal clear.

Standard MDI resin is moisture cured: Most standard types of Polyurethane resin are moisture cured. It is important to note that rain can have a severe and damaging affect when using certain types of resin from certain suppliers. **ALWAYS TEST YOUR RESIN FOR MOISTURE REACTION.** We have tested many different types of resin and found that they are all different compositions and react differently to moisture. Bubbling and resin saturation are two common types of rain damage that can occur.

Most Aliphatic Resins are not reactive to moisture: Aliphatic Resin is a crystal clear Resin that does not have a "yellowing affect". It is also moisture resistant and can be used in light rain through not recommended. Aliphatic can take longer to cure than its MDI counterpart. When selecting the right resin for the job you must consider the seasonal temperature and climate when installing. Most Resin suppliers will have special resins for certain temperatures. A good resin supplier will be able to help you purchase the correct resin.

Resin stains: Any Polyurethane will stain. When dealing with MDI Aromatic resin, you should always take extra care as not to spill any of it. If you are installing you will get resin on your skin. Most resin is an irritant but we have never experienced any reactions using it. It is common to have a sleeve of resin on your arm when starting out. This occurs mainly when you are kneeling in the primer and the primer is transferred to you skin. The best way to clean you skin is to soak in a warm bath and use a pumice stone to scrub it off. You will get better and find that in time you will be completely clean.
them after the fact.