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1-855-240-8873

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Rubberflex 
Poured rubber flooring

installation instructions

If you would like to install poured rubber flooring yourself, please follow the guidelines in this document to ensure trouble-free installation and extend the life of your product.

Poured rubber installation steps

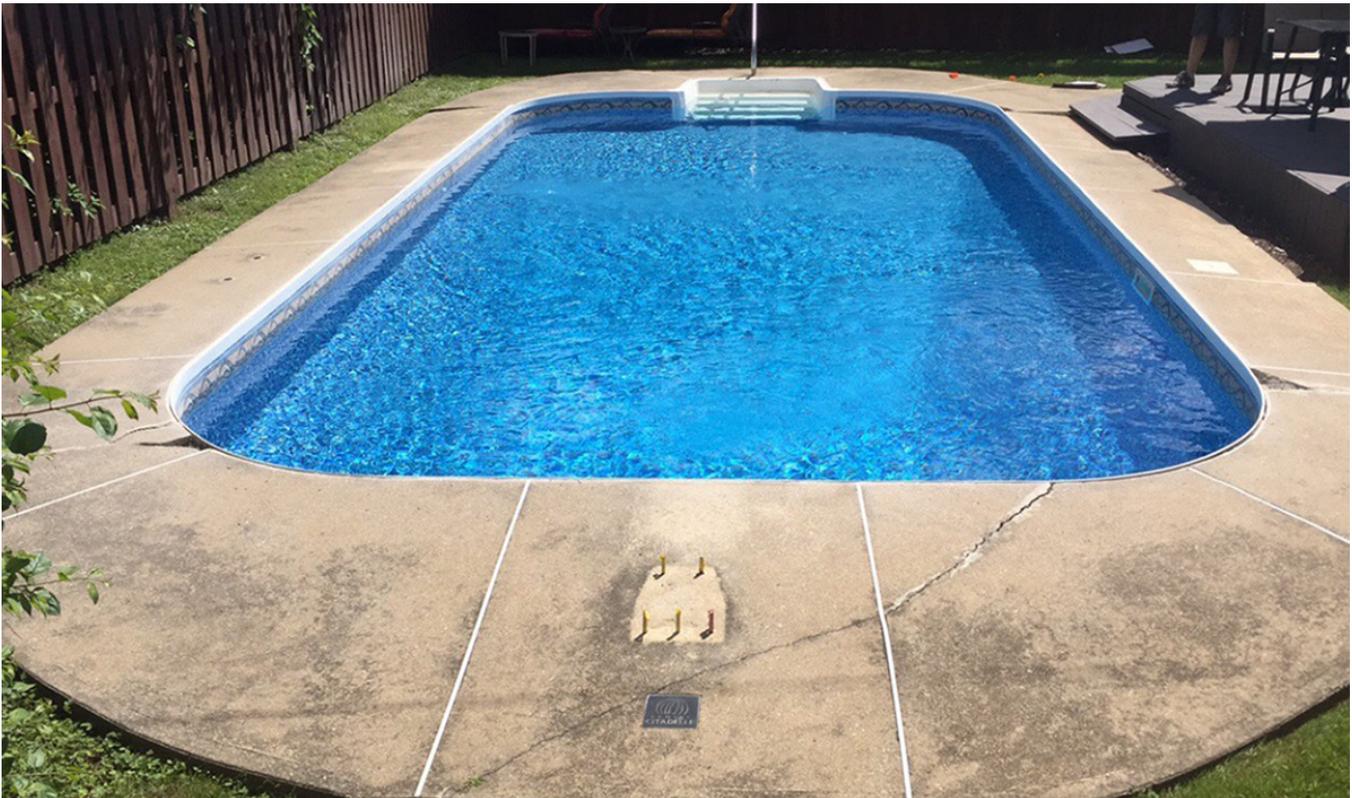
Surface prep

The rubber can be poured on several types of surfaces such as plain paving, cement, asphalt, wood, compacted stone...

For best results, clean the surface one day before installation. Use a high pressure washer to remove debris, oil traces, dust and dirt. Allow the surface to dry completely before starting the installation.

Optional – edges: install a 1/4" plastic edge (sold in hardware stores) on the inside or outside of the perimeter to create a perfect finish. The PL400 adhesive can be used to secure the edges to the ground. Allow the adhesive to dry for 24 hours before pouring the EPDM granules.

Around the pool: To ensure that poured rubber adheres to the concrete around the pool, primer must be applied first. In this case, our aliphatic binder will do the job, but you will need to order an extra container, since the quantity shipped with the granules is exactly the amount needed for a perfect pour.



Poured rubber installation steps (cont'd)

Safety layer*

*Optional. A safety layer is needed for the safety of play areas, parks, kindergardens...

An underlayer of black SBR rubber granules is recommended to minimize fall injuries. Thickness to be defined according to the fall height.*

The black SBR granules are sold in a bag of 44 pounds (20 kg).
Covers 13 s.f. (for a 1" thick layer).



*Note that Syn-X can install this system in accordance with applicable municipal and provincial safety standards



Poured rubber installation steps (cont'd)

The Mix

The outside temperature is very important for a successful installation. The temperature must be between 10 and 28 degrees Celsius during installation and for the next 24 hours.

1 - Place 1 bag of EPDM granules in the wheelbarrow, plan to put a canvas under the wheelbarrow to protect the ground.

2 - Mix the aliphatic binder and the EPDM granules accurately: 1 gallon of binder per one bag (44.4 pounds) of EPDM granules (the Synthetic Experts EPDM kit is sold in the correct proportions).

Mix for 3 to 5 minutes with a shovel until all granules are coated with binder. Mixing at this stage should be consistent and uniform.

You have 30 to 40 minutes to install your mix.



Installation

1 - To ensure that your EPDM granules mix adheres well to the floor you must apply a base coat of aliphatic adhesive (sold separately in 1 gallon format) using a roller and a paintbrush on the surface to be covered.

Apply this primer a small section at a time (10 ft²) and place your EPDM granules mixture on top of it.

IT IS IMPORTANT TO DO THIS BASE COAT WITHIN A MAXIMUM OF 10 MINUTES BEFORE APPLYING YOUR RUBBERFLEX EPDM GRANULES MIX ON THE FLOOR.

Exceeding this time, the glue will have dried and will no longer provide adhesion.

2 - Place the EPDM granules mixture at the starting point in small piles with the trowel. Start spreading and leveling the granules to a thickness of 1/4 inch or more with a medium pressure to squeeze the granules together.

3 - Once the granules are evenly distributed, dampen your trowel with a soapy water mixture using a brush. Smooth the surface, taking care not to leave any loose granules.

4 - Moisten your trowel constantly during the smoothing period, never placing the granules further than the distance of one arm at a time. Repeat the process to complete the surface.

A drying period of 48 to 72 hours is recommended, and you must wait until the surface is no longer sticky before walking on it.



Multiple applications

Did you know that you can also install EPDM granules on a vertical surface (using Cabosil powder)? Or that you can make it waterproof – like around the pool (using waterproof sealer)?



For more information

You have now completed the installation of your Rubberflex poured rubber surface. Send us a photo of your completed project! Email photos to info@syntheticexperts.com

If you experience any problems during your installation process, please do not hesitate to call Synthetic Experts at 1-855-240-8873 for advice. Thank you for choosing Syn-X as your supplier for your cast rubber. We are confident that you will benefit from it for many years to come.



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warehouse open to the public

2930 Boul. le Corbusier, Laval, QC H7L 3M2

info@syntheticexperts.com

1-855-240-8873

syntheticexperts.com

The installation manual is provided for informational purposes only for the purpose of giving the customer a basic understanding of the installation process for Rubberflex poured rubber. The procedures in this document are in accordance with proper installations of poured rubber flooring with EPDM granules. Syn-X makes no warranty as to, and cannot be held responsible for, the content or use of this installation manual. Syn-X cannot be held responsible for any "self-installed" poured rubber surface: the owner is entirely responsible. Syn-X representatives will, however, remain available to answer any questions that may arise during the installation.