

Wet Pour Rubber

Installation Instructions



Prepare Base

Wet Pour Rubber can be laid over solid sub-bases such as concrete, brick and bitumen. If laying in a new unprepared area, a base of compacted aggregate / road base may be used. For best results remove grass and debris, lay 100mm of fine compacted aggregate and use a geotextile membrane to prevent weeds.

Install Shockpads (Optional)

When creating a playground compliant with Australian Standards the relevant standard should be consulted to establish the extent of the impact area and the free height of fall requirements along with any other requirements.

Wet Pour Rubber may be used to comply with the Australian Standard requirements by utilising Clark Rubber Shockpads installed underneath the Wet Pour Rubber. Wet Pour Rubber Surfacing Systems have been tested in accordance with Australian Standard AS 4422:2016 for critical fall heights for given thicknesses. (Wet Pour + Shockpad thickness). Please contact Clark Rubber for a graph detailing the required surface thicknesses.

When installing Shockpads, install in a brick pattern with as much compression as possible. It is recommended to bridge the surface joins of the Shockpads with Butyl tape or a bead of flexible polyurethane as per the illustration before the application of the Wet Pour rubber surface layer.

When not creating compliant playgrounds, Clark Rubber Shockpads may also be used to increase the rebound feel of the finished surface.

Check Weather Forecast

Wet Pour Rubber cures with moisture however the Procure binder will react with excess water, therefore do not install on wet or saturated sub-bases, and ensure that no rain is forecast for 24 hours from the time of beginning an installation. Excessively humid days should also be avoided if possible as should temperatures less than 5°C.

Put on Gloves and Safety Glasses

When working with Wet Pour Rubber, always ensure that you are wearing appropriate gloves and eye protection. Refer to the Procure Binder Safety Data Sheet and product labelling for further information. Protect surroundings with Builder Plastic Sheeting, also available at Clark Rubber.

Prepare Wheelbarrow / Mixing Container

Coat the wheelbarrow or mixing container with some specially formulated Polysolv Trowel lubricant, (available at Clark Rubber), or alternatively with some Mineral Turpentine. This will reduce the tendency of the mixture adhering to the sides whilst mixing.





Mix Binder and Crumb

Empty 1 full bag of Clark Rubber Wet Pour rubber crumb into the wheelbarrow followed by the complete contents of 1 Procure Binder pail. No measuring is required as the correct ratio is controlled by the weight of the Clark Rubber crumb and binder packs. Mix the binder and crumb thoroughly using a shovel for approximately 3 minutes. Keep your mix times consistent with each mix.

If mixing larger quantities, the 1 to 1 ratio of bags and pails should be maintained. If mixing large quantities, consider using a paddle mixer or forced action pan mixer available for hire from equipment hirers such as Kennards.

Pour mixed Rubber

Pour the Wet Pour Rubber into the area to be surfaced as soon as possible. The working time from starting to stir the mixture is approximately 30 mins depending upon the ambient temperature and humidity. Keep your trowel well lubricated with Clark Rubber Polysolv to ensure your trowel does not drag the granules but instead glides smoothly over the surface for a smooth finish.

Lubricate Tools

A specially formulated Polysolv Trowel lubricant, (available at Clark Rubber), or alternatively Mineral Turpentine must be used. Lubricate tools and trowels before use and as often as required to ensure that tools/trowels slide easily over the rubber and do not stick. Lubricant can also be used to assist with clean-up once the job is complete.

Shape, Compress and Smooth

Use a straight edge or similar tool to spread the mixture evenly whilst also ensuring a consistent thickness. It is important to tamp down the surface to create a finished product with the correct density. To finish, use a well lubricated trowel move gently over the surface to create a smooth finish.

Finish Edges and Leave to Cure

Finish edges to the desired shape and round edges for a neat look. When creating patterns of different colours or when using multiple pours, a lap joint should be used. Form a small step at the edge of the pour approximately half the height of the finished surface.

The Wet Pour Rubber will be fully cured in 12 to 24 hours depending upon ambient temperature and humidity.

Additional Information

• Coverage Rates

Coverage rates are dependent on thickness. A minimum thickness of 15mm is recommended. 1 bag of Clark Rubber crumb combined with 1 pail of Procure Binder will be sufficient to cover up to 2m², depending on the substrate the wet pour is installed on and the finished thickness surface.

• Limitations

Wet Pour Rubber is not suitable for vehicle traffic, around chemical or fuel storage. It is also not suitable for application in submerged areas.