

Firestone



Lining for Life™

Firestone PondGard Lining for life at DLF Golf Course



Gurgaon is not lacking for world-class golfing greens, but for sport enthusiasts too much is not quite enough. To quench this thirst, there will soon be a new entry on the city's golfing map with DLF Golf and Country Club setting up a new golf course. The nine-hole course is being built on an 84 acre expanse, and is being designed by the South African pro, Gary Player.

The new water pond is situated within the existing Golf and Country club premises. According to the designers it is a gift to nature. The idea was to create an artificial lake, to fill it with treated sewage water and use it to irrigate the surrounding grass.

Firestone lining system was installed for waterproofing the whole artificial pond of a 11 m deep lake spread over an area of 70.000 m².

Savcor India Private Limited, an authorized Firestone contractor experienced in lining applications, was chosen to carry out this installation.

Quick Facts

Project scope:

- 70.000 m² of lining carried out with 1.0 mm Firestone EPDM PondGard
- High visibility and prestigious project
- To deliver an excellent waterproofing to preserve water for irrigation of adjoining grass
- A Gary Player Course

Challenges faced:

- Tight time frame
- 11 meters deep water body spread in huge area
- Adverse weather conditions at the time of installation
- Accommodation for significant design changes
- Many aesthetic features in the course
- A lot of rock work on the liner

Solutions offered by

Firestone EPDM PondGard:

- Waterproofing membrane
- High elasticity (>300%)
- Long-term durability
- Large sheets reducing on site seaming (930 m²)
- Fast and easy installation
- Treating pipe penetrations, islands and waterfalls present in lake
- High flexibility (at high and low temperatures, as a result adapts to irregular shapes)
- High puncture resistance



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The DLF Golf and Country Club Water Pond • Gurgaon, India

Firestone PondGard offers a very robust lining system. The membrane comes in several sizes that can go up to very large sheets (930 m²). For this project large membranes were used to make the installation a lot easier and reduce the installation time. Firestone EPDM PondGard also offers high durability under fully exposed conditions. Rocks used for ballasting won't puncture the membrane. The elongation properties help the membrane to accommodate to differential soil settlements. Waterfalls, islands, even pipe penetrations are no problem for the Firestone EPDM PondGard. Firestone offers a complete range of waterproofing solutions.

DBS (authorized Firestone distributor) provided a continuous support in ordering all materials as well as coordinating the installation of the lining system. The result of this excellent collaboration is an artificial lake that meets all expected standards.

For further information about Firestone Lining
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