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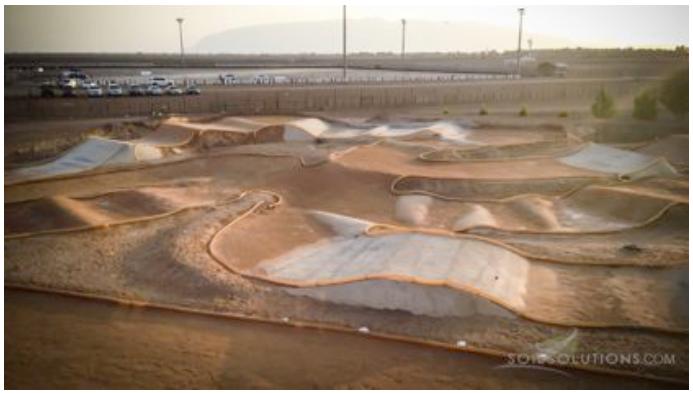
PROJECT REPORT



Project Name: Al Ain Sports Complex Radio Control Race Track

Location: Al Ain, UAE
(160km from Abu Dhabi)

Date: October 2015

Application: EBS Surface Seal

Project Information: Located in Al Ain, UAE's 4th largest city approximately 160km from Abu Dhabi, is the new Al Ain Sports Club which is home to the 25,000 seat Hazza Bin Zayed (HBZ) Stadium as well as the Binona Radio Control Race Track.

The Binona Radio Control Race Track is not only home to the RC Championships but also the 1/8 Buggy and Truggy International Off-Road Race, the UAE National Day Race as well as being named the host location of the 2016 Worlds.

Track Description: The race track facility has both a 1/8 scale (195 feet wide x 125 feet long) and 1/10 scale track (75 feet wide x 100 feet long) with 15 foot wide lanes separated by 4 inch corrugated piping secured to the surface with 12 inch stakes to contain the cars within each racing lane.

The track layouts have off-cambered, flat and bermed corners with 4 to 6 jump sections per layout, ranging from doubles, triples, step ups, whoops, elevation changes and tabletops. The perimeters of the tracks have a 4-foot tall chain link fence that is 5 feet away from the edge of the track. This borders the entire track and contains any runaway or out of control cars from reaching spectators or pit areas.

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Synopsis: In preparation for hosting the RC Championships, the 1/8 Buggy and Truggy International Off-Road Race, the UAE National Day Race and the 2016 Worlds the track needs to be in the best condition possible and therefore required some improvements to the racing surface and for dust prevention.

Solution: Bring in a clay type material to be placed over the existing sandy type in-situ material to be compacted and then sealed with Engineered Base Stabilizer (EBS) to preserve and protect the racing surface and prevent dust allowing it to take rubber and groove up well while providing medium to high bite traction.

Project Application: Several truckloads of clay like material were brought in and placed over the track then compacted. The surface was then shaped and contoured in preparation for the application of the EBS Surface Seal. EBS was applied to the surface using several coats allowing each coat to penetrate into the surface to maximum depth and to ensure even strengthening and binding of the soil particles maximizing the effectiveness of the application. Once allowed to cure the corrugated piping was put in place to keep the racing lanes separated.

Result: A new race track with a surface that is smooth, dust free, protected from degradation that will take rubber and groove up well providing high bite traction therefore allowing for faster lap time.