

AIRPORT GRADE STEELGUARD









AGSG - AIRPORT GRADE STEELGUARD

Airport Grade SteelGuard (AGSG) is an asphalt protective coat application designed to preserve and extend the life of existing asphalt surfaces. AGSG has been used on runways, taxiways and apron surfaces at many airports throughout the world. AGSG has high adhesive characteristics, which when combined with polymer modifiers and varied quantities of solids to suit the condition of individual airport pavements, AGSG seals the surface by thus eliminating the FOD generation and reduces the deterioration rate of asphalt based pavements.

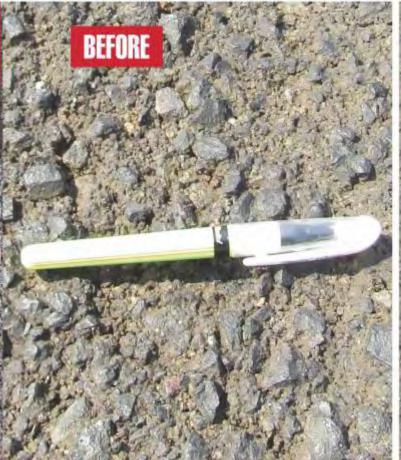
Airport Grade SteelGuard (AGSG) is a non-toxic and cost effective treatment that provides a weather-proof coat to extend the life of existing pavement and prevent its deterioration in a highly-advanced way,





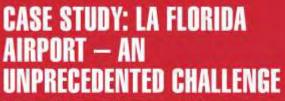












The La Florida Airport in Chile services the lovely tourist city of La Serena. During summer, the number of tourists flying in increases. This directly results in the two-kilometer-long runway showing signs of ageing.

The airport's requirements made this work quite difficult since most of the work had to be done at night during a relatively slow four-hour period. This task was made even tougher by the fact that this project had to be undertaken in the month of October, when temperatures range from 6 to 10 degrees Celsius.











"The Conditions were an extreme challenge" ."The mix was specially designed to ensure the material would dry in time for the first flight at 7am. This usually wouldn't be a problem however when you include fog, high humidity, a damp surface, very cold temperatures, a new additive, and doing the work in the dark made this job difficult." The result of this unprecedented challenge is a runway that now eliminates FOD generation. AGSG has also improved the friction of the Runway surface. Before application the runway had an average Coefficient Friction (BPN) rating of 0.57. After application the rating was 0.72!







CASE STUDY: CSIA, MUMBAI, INDIA

The Chhatrapati Shivaji International Airport (CSIA)-GVK-MIAL is one of the busiest airport in India having over 900 flights movements each day with Single Runway in Operation.

The unprecedented challenge is that both the runways are intersecting each other and due to intensive use of the same and constrained time schedule for the maintenance, the runway started showing signs of aging with loose aggregates resulting from raveling on Asphalt surface. AGSG was the desired solution for the runway pavement.







SAFE RUNWAYS SAFE FLYING







