

Fines Preservation

Midwest's Fines Preservation Program effectively reduces the potential for Foreign Object Debris (FOD) generated by aircrafts. An Operator utilizing the Fines Preservation program for more than 10 years estimates Air Carrier annual saving for a fleet of C-172 to DC-4 to be \$70,000.00 per year for the Air Carrier. Fines Preservation is a result of the aggregates and fines being locked into place on the runway surface. This occurs by preventing this material from being dislodged and lofted into the air from forces generated by the aircrafts. The products used in Midwest's Fines Preservation contain binders which allows the fluid to impart adhesive and cohesive actions on the soil particles resulting in a tight surface that resists and reduces erosion. Similar results cannot be achieved without these innovative binder systems. Inspections performed by third party companies have confirmed that the use of EK35 has reduced the material loss and loose material when compared to previous inspections before the Fines Preservation Program was utilized.