



Asphalt Pavement Alliance

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HOT MIX ASPHALT IS THE TOP CHOICE FOR AIRPORT RUNWAY PAVEMENTS

FAST FACTS

Airport operators want super-smooth, durable runways that can be constructed and rehabilitated quickly, to minimize runway downtime. The strengths of Hot Mix Asphalt construction coincide exactly with what the aviation industry demands from its pavements:

- Smoothness
- Speed of construction
- Low maintenance
- Less complexity than concrete entails
- Low initial and life-cycle costs

More advantages of HMA construction:

- The HMA maintenance process permits a runway to be shut down during off-peak hours for rehabilitation.
- The smoother a pavement is, the longer it will last. And, building super-smooth pavements of HMA is much easier and more cost-effective than with any other pavement type.
- The surface can be customized to increase skid resistance, lower the risk of hydroplaning, or decrease splash and spray.
- Perpetual Asphalt Pavements serve airports well. In a Perpetual Pavement, the pavement structure remains intact for many years. The only maintenance required is to mill off the surface at infrequent intervals, recycle the material that has been removed, and resurface the pavement.

In fact, Baltimore-Washington International Airport in Maryland and Eareckson Air Force Base in Alaska were recognized with Perpetual Pavement Awards in 2002 for their long-lasting pavements.

HMA runways support the high volumes of heavy planes landing at some of the busiest airports, including Baltimore-Washington International, Lindbergh Field in San Diego, McCarran International, (Las Vegas), Memphis International, Newark International, Oakland International, O'Hare International, Pearson International (Toronto), and San Francisco International.

HMA is also used extensively on runways at many general aviation airports.