

AGAT Advantages



FOD
Foreign Object Debris. Secures against creation, improves visual identification of FOD



Erosion
Closes the surface and secures it against erosion



Visual Recognition
Independency of seasons and clear visual recognition



Incursions
Minimized maintenance, reduction of the need for ground personnel airside



ARFF Response
Increases the access and shortens the rescue turnout



Nudging
Signalizing which affects behavior unconsciously but effectively



Bird Strikes
Reduces food and hiding places for birds and therefore reduces their presence



Drainage
Increases the possibility of surface drainage



Wildlife Management
Environment neutral and not lethal, removal of food, shelter, water for birds and prey



Noise Reduction
Aviation Grade Artificial Turf works as a noise reduction in Aprons, Taxiways and Helipads



AGAT - Aviation Grade Artificial Turf



Aviation Grade Artificial Turf

- Increase in flightsafety (RWB accounts app. 75% of coalition incidents)
- Decrease in maintenance cost
- Decrease in training & exercise cost
- Reducing time from Helo to Hospital
- Reduced installment time & cost
- Zero footprint upon re-deployment



Surfacing characteristics

Concrete/Asphalt

- ÷ High Initial Construction Cost
- ÷ High Maintenance Cost
- ÷ High Cost irt. Disposal
- ÷ Environmental non-sustainable
- + Known Surface
- + Strategic Lift Capacity

Gravel

- ÷ Medium Maintenance Cost
- ÷ Low Reliability (Seasonality)
- ÷ No Strategic Lift Capacity
- ÷ Low visual acuity
- + Low initial Construction Cost
- + Low Cost irt. Disposal
- + Environmental Sustainable

AGAT

- ÷ Newtech Surface
- + High reliability
- + High visual acuity
- + Low Initial Construction Cost
- + Low Maintenance Cost
- + Low Cost irt. Disposal
- + Environmental Sustainable
- + Made partially from plastic waste
- + Strategic Lift Capacity
- + No contaminant liquids for de-icing
- + Materials are reusable

