



PROJECT PROFILE

TuffRez[®] system provides performance needed for U.S. Government Defense Research Facility.



CUSTOMER

Redstone Arsenal

Huntsville, AL

PROJECT TEAM

Contractor: G & S, LLC – Jemison, AL.

PROJECT OVERVIEW

Redstone Arsenal was built in 1941, and for more than 40 years has been the heart of the Army's rocket and missile programs. Today, Redstone is home to the US Army Aviation and Missile Command (AMCOM), the Space and Missile Defense Command, numerous Program Executive Offices (POE), and major components of the Defense Intelligence Agency and the Missile Defense Agency

The Redstone Technical Rest Center (RTTC) built a new 12,000 sq ft facility, which included a laboratory and helicopter access bay. Needing an epoxy floor system recommendation, they referred to the Master Painters Institute (MPI) specification for a list of qualified manufacturers. As a part of the MPI #212 specification, PolySpec's TuffRez[®] flooring system is widely used in aircraft maintenance facilities such as N.A.S.A. and the US Department of Defense. PolySpec[®] was chosen as the manufacturer for the epoxy flooring system and recommended a local authorized installation contractor. The project was successfully completed and has performed beyond the customers' expectations. As a result, the TuffRez[®] system was specified for several additional areas as well!

KEY CONSIDERATIONS

Performance: Must provide long-term durability with resistance to common aircraft chemicals including Skydrol and Jet Fuel.

Aesthetics: Must provide light reflective properties to increase the appearance of the hangar and help identify and eliminate F.O.D. (Foreign Object Debris).

SYSTEM PRODUCTS

HELICOPTER ACCESS BAY

- **PolySpec[®] 300EX:**
Performance Primer for Concrete
- **TuffRez[®] 235:**
Chemical Resistant Urethane, High Gloss
- **PolySpec[®] Stripe:**
High Pigment Line Striping Urethane, UV Stable

RESEARCH LABORATORY

- **PolySpec[®] 315:**
Waterborne Epoxy Primer for Concrete
- **TuffRez[®] 238:**
Epoxy Coating, Orange Peel Texture
- **TuffRez[®] 235:**
Chemical Resistant Urethane, High Gloss