

GENERAL INFORMATION

Trade name

DRY STRIP®

Type of product

Plastic Blast Media

Applications

Aircraft Maintenance and MRO

Methods

Pressure Blasting

Manufacturer

FDS Dry-Stripping Technologies
GmbH

Why Aircraft Maintenance Professionals and MROs Prefer Emsodur AG's Plastic Blast Media for Aircraft Component Maintenance

In 2020, Emsodur AG acquired the Plastic Blast Media business, including the renowned Dry Strip® product line, from Flugzeug Union Süd (a part of the Airbus Group). Dry Strip® products have earned a strong reputation in the aviation component maintenance sector, having been meticulously developed for this industry.

Numerous aircraft components often necessitate media blasting, specifically employing plastic media blasting techniques, to effectively remove paint, coatings, and other surface imperfections during maintenance or repair procedures. These components, which encompass landing gear, engine parts, fuselage sections, wings, and propellers, regularly require blast media to eliminate old paint, corrosion, or surface contaminants.

At Emsodur AG, we recognize the distinctive requirements of the aviation industry. Hence, our plastic blast media stands as the preferred choice among aviation MROs (Maintenance, Repair, and Overhaul) for the cleaning and preparation of aircraft components.

Here's why:

1. Delicate and Precision Cleaning:

Emsodur AG's plastic blast media functions as a gentle abrasive, safeguarding delicate and sensitive aircraft components from harm during the cleaning process. This attribute is particularly critical for precision components such as engine blades and electronic elements. In contrast to conventional blasting media like sand or steel shot, our plastic blast media averts pitting or surface damage.

2. Versatility Across Diverse Applications:

Our plastic blast media offers exceptional versatility and can be tailored to meet precise cleaning and surface preparation needs. It is available in various sizes and hardness levels, making it suitable for a wide spectrum of applications, encompassing the removal of paint and coatings, deburring, and surface smoothing.

3. Eco-Friendly Solution:

Emsodur AG's plastic blast media stands as an environmentally responsible choice for the aerospace and aviation sector. It is recyclable, thus minimizing waste and contributing to sustainability. Our media does not generate hazardous waste or emit harmful fumes, ensuring a secure and eco-conscious cleaning process. Furthermore, it can be reused multiple times before necessitating replacement.

When it pertains to aircraft component maintenance, selecting Emsodur AG's plastic blast media offers an array of advantages, comprising gentle yet effective cleaning, adaptability for diverse applications, and a commitment to environmental sustainability. Our unwavering dedication to quality and industry standards assures dependable and consistent outcomes.

Why Opt for Emsodur AG's Plastic Blast Media for Aircraft Component Maintenance?

1. MIL-Spec Approved Excellence:

Aviation MROs, military units, and corporate maintenance facilities favor Emsodur AG's plastic blast media because it boasts MIL-Spec approval. Our blast media is certified to meet MIL-P-85891(A) standards and fulfills the requisites of Certification Type II (Urea Type II) and Certification Type V (Acrylic Type V). This certification ensures uniform quality, performance, and adherence to regulatory standards.

2. Emphasis on Safety and Compliance:

Safety holds utmost importance in aviation maintenance, and Emsodur AG's MIL-Spec blast media has been meticulously designed to prioritize the well-being of personnel and the environment. It is non-toxic, non-hazardous, and non-reactive, thereby minimizing potential risks. Employing MIL-Spec approved blast media permits MROs to meet the stringent regulatory prerequisites established by aviation authorities, including the Federal Aviation Administration (FAA).

3. Efficient Surface Preparation:

Emsodur AG's blast media is specifically formulated to deliver optimal surface preparation for aircraft components. It effectively removes paint, corrosion, and contaminants without compromising the integrity of the underlying materials. This ensures the proper adhesion of coatings and facilitates subsequent repairs, ultimately achieving the desired surface finish.

4. Compatibility and Widespread Industry Recognition:

Our blast media has been meticulously chosen to be compatible with a wide array of aircraft materials, including aluminum, steel, composites, and other alloys commonly encountered in aircraft components. It has gained widespread acceptance throughout the aviation industry, encompassing both military and commercial sectors, owing to its proven efficacy. MROs can place their trust in its compatibility and effectiveness.

5. Crafted in Germany:

Emsodur AG takes immense pride in crafting its Type II, Type III, and Type V plastic blast media in Germany. This reflects our commitment to upholding quality standards and delivering a product of exceptional end delivering a product of exceptional excellence.

