REFLECTIVE AND RESISTANT COATINGS AND METHODS FOR APPLYING TO COMPOSITE STRUCTURES

ABSTRACT

Coated composite articles and methods of applying the coatings are provided. The composite articles are preferably polymeric composites capable of withstanding temperatures of at least 600 degrees Fahrenheit prior to coating. The coating can be selected to impart resistance to higher temperatures as a result of the reflective properties of the coating. Additionally, the coating may be selected to provide desired electrical properties when an electrical current is applied. For example, electrically resistant coatings can impart deicing properties to the component, and may be particularly useful in aircraft components. The coatings can thus be selected to impart one or more useful properties to the composite component.

(Fig. 2)