STRATEGIC VISIONARY SOLUTIONS LLC
"Providing Solutions to Your Challenges"

CAMARC 3D PRINTER PROTECTION

NANO-CLEAR® INDUSTRIAL COATINGS FOR CAMARC 3D PRINTER PROTECTION

Camarc LLC
Westland, MI

Customer:
Camarc LLC
POC: Eric Rosvold
Westland, Michigan

Project:
Protective coating for high technology 3D printer using Nano-Clear® Industrial (**NCI**) and VV-200 for increased industrial protection.

Project Location:
Westland, Michigan

Applicator:
Eric Rosvold
Westland, Michigan

Coating Formulation:
Nano-Clear® Industrial (**NCI**) coating and VV-200

Application System:
Hand application using microfiber and Wooster rollers

Date:
Application: December 2018
70°F indoor application

After Coating Camarc 3D Printer using NCI and VV-200

PROJECT OVERVIEW:
Eric Rosvold, Development Engineer for Camarc LLC selected NCI for coating various internal and external areas of their developmental 3D printer and VV-200 for coating the interior build decks. Nano-Clear Industrial was selected to provide superior chemical and durability protection along with reduction of machine maintenance. VV-200 was selected for internal coatings as a direct to substrate surface treatment and adhesion promoter. The 3D printer is a unique high technology titanium welding system being developed for the industrial and aeronautical community.

COATING FORMULATION:
NCI – a crystal clear, aliphatic, moisture cured, one component polyurethane/polyuria hybrid formulation with extreme cross-link density for UV, CHEMICAL AND ABRASION RESISTANCE.
NCI is formulated to penetrate and fortify existing paint systems (newly painted or highly oxidized), not replace them.
VV-200- is a single component (1K) direct-to-substrate surface treatment and adhesion promoter for use with Nano-Clear NCI Industrial Coating. VV-200 provides a covalent bond to properly prepared acid etched aluminum, stainless steel and cleaned glass.
Applications: Heavy equipment, ships, external structures, fleet equipment, facilities, fences (metal and wood), above ground storage tanks, equipment, bridge rails and signs that have degraded paint/coatings from UV, chemical and abrasion forces.

RESULTS:
Superior adhesion and protection for 3D printing of parts in an inert gas pressurized environment. Customer has noted that **NCI and VV-200** coatings are providing superior performance results.

Please contact us for more information:
www.StrategicVisionarySolutions.com | 586.295.7825