

Project: Australian Defence Forces - Army

Category: Protection & Sealing

Completion

Date: June 2006 to 2009

System: Hygiene

Product:: TUFF STUFF

Before...



Job Description

These Army Ambulances are used in combat and are shipped out with our army personnel. Upon return, and to rule out any foreign materials being brought back into Australia, quarantine staff in the past have stripped out these vehicles and pulled them to pieces for inspection, the vehicles are then returned to the Defence Dept to put them back together and refit them out ready to use again. The defence saw our product as a way to seal these modules eliminating the need for quarantine to strip them apart for inspection.

The ambulance modules are constructed of marine ply timber floors and fibreglass walls. As the army prefer two different finishes for ease of cleaning, preparation is somewhat more involved. The walls, floor and sides were masked and sprayed independently. The walls were sanded and primed with 251 and sprayed to a smooth finish about 1mm thick in Tuff Stuff custom Green Grey. The floor and sides were also sanded and primed with SP150, Tuff Stuff was sprayed applied 4mm on the floor and 2mm up the sides - also in custom Green Grey with a stipple finish. The above application gives a 100% seamless membrane removing any possible joins or voids where bacteria might hide.

After...



Rhino Linings spray applied seamless membranes have been assessed by AQIS in Australia and meet US FDA regulations for incidental food contact.