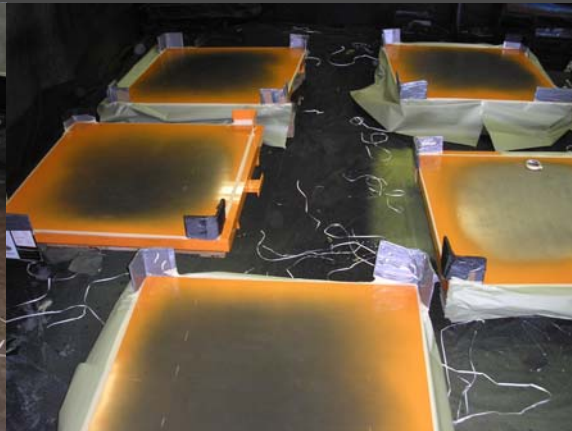


LIGHT INDUSTRIAL CASE STUDY

INDUSTRIAL DOLLIES



1 SITUATION

Industrial bulk dollies are used in numerous environments and are expected to perform well in each. Noise generation is a big concern for OSHA, and complying with the strict decibel limits for worker safety is a top priority. Requirements for the dollies vary and also include protecting cargo during transportation and protecting the dolly itself against damage from scratches and dents.

A large manufacturer of industrial bulk dollies and other industrial equipment needed a solution for each of these requirements. They had previously tried a low temperature, low pressure coating but the results were disappointing. This customer was looking for a quality solution that would give their dollies sound abatement properties, last longer and perform better than any of their competitors' options.

2 PROCEDURE

The flat "deck" portion of the dollies were taken to the LINE-X shop. The majority of the area to be coated with LINE-X was left as sandblasted steel.

A combination of jigs in the corners and masking elsewhere protects the powder coated portions of the decks. They are primed with XPM and sprayed with approximately 125 mils of XS-100, which provides protection against impact and abrasion and achieves adequate sound dampening characteristics.

Six dollies were sprayed at a time. Each set of six required less than two man-hours total. Depending on total order sizes, approximately two days are required to complete 20 decks. Dolly decks were 16-40 square feet each.

3 SOLUTION

LINE-X XS-100 is applied to the top of the bulk dollies where the cargo sits and the most damage occurs as cargo is loaded and unloaded. This also prevents metal chattering resulting in noise abatement sufficient to satisfy OSHA requirements.

4 RESULTS

The customer is extremely pleased with the application, saying the "finish is great and the LINE-X deck is better than expected." The dollies have been so well received by their customers that the company now predominantly advertises the option on their website and is planning to use LINE-X to coat other industrial equipment.

