

Brand Energy Conex Boxes

Client: Brand Energy

Location: Corpus Christi, TX

Coating used: Mascoat Industrial-DTI

Thickness: 40 mils (1 mm)

Reason for coating: Personnel protection and radiant heat gain



Brand Energy is one of the largest scaffolding, blasting, and painting companies in the US, and they take a lot of pride in the safety and comfort of their employees. With this in mind, one of their managers in Corpus Christi saw a problem with their blasting operation. He went to a job site and saw that the sand blasters were having to work out of water buckets to clean out their blasting equipment while on site. The hot, humid weather in Corpus Christi made this a very uncomfortable job, and as a result, the blast hoods and gloves weren't always being properly cleaned. Even when they

were being properly cleaned, the blasters had no place to hang them to dry, which meant that the equipment was sometimes still wet the next morning when blasting began again.

The manager found this situation unacceptable, so he decided to convert three conex boxes into mobile blast equipment cleaning stations. Brand had worked with Mascoat's insulation coatings for years, so they decided to use Mascoat Industrial-DTI to insulate the boxes. They sprayed 40 mils (1 mm) of DTI on the exterior of the boxes and then top coated with a flexible two-part epoxy.



A week after the work was done on the first box; they did a side-by-side comparison of a box coated with a regular epoxy and one coated with Mascoat. They found the underside of the roof of the box coated with Mascoat was 22°F (12.2°C) cooler than the one coated with the epoxy.

The manager told Mascoat that the decision to coat the rest of the boxes with DTI was an easy one. He said that in the highly competitive environment of south Texas, it was very important to keep good sand blasters. Having a cool place where they could clean and hang their equipment would definitely help with that. Plus, he said, it was just the right thing to do.