



# Warehouse & Shop

## Case Study

### 3-Layer Epoxy Floor To Cover Warehouse

**Client**

Red Clay Industries

**Location**

Pineville, NC

**Project**

Warehouse & Shop

**Product**

Job on Pallet, 3-Layer,  
ArmorUltra System

**Size**

6,400 square feet

**Timeline**

4 Days

**Epoxy System Layers**

2-Part Epoxy Primer,  
100% Solids Epoxy, 2-  
Part Polyurethane  
High Wear Topcoat  
with Non-Skid

**Color**

White

Red Clay Industries, Inc., is a locally owned and operated asphalt paving company. They specialize in asphalt and concrete construction and can handle any size job from a single pothole repair to new roads and parking lots to sidewalks, curb & gutter.

**Challenges**

One of the key obstacles involved finding a flooring solution capable of withstanding automotive fluids and heavy vehicle traffic, all within the constraints of the project budget. Red Clay sought a durable concrete floor coating that could provide long-term resilience and offer optimal protection for their floor.

**Solution**

Red Clay used ArmorPoxy's ArmorUltra Job, a three-layer epoxy system, for the application on a pallet. The industrial grade epoxy system provided all the necessary materials for the floor installation, allowing the crew hired to execute the project successfully.



Job On a Pallet Epoxy System



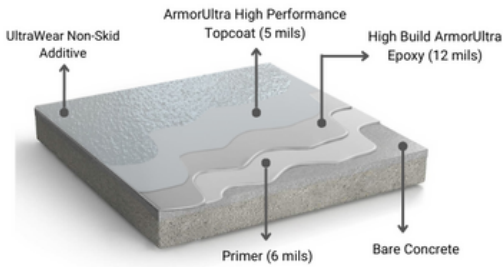
“ I own an epoxy flooring company in the Charlotte NC area and I have been purchasing materials (epoxies, primers, and topcoats) from Armorpoxy for the last ten plus years. In early 2023 I received a call from Greg at Armorpoxy asking if I would like to bid a commercial job in Charlotte. I met with Jim, the business owner and a short time later received the approval of my contract. Armorpoxy helped Jim to decide which of their epoxy systems would be best for his warehouse floor. The system that was specified was a solvent based primer (Armorpoxy II) followed by a coat of 100% Solids epoxy (ArmorUltra) with a topcoat of Military Grade Solvent based Polyurethane. I have installed this exact system for literally hundreds of customers over the last 10 years, so I was confident that the system would be durable, scratch resistant and very chemical resistant. The warehouse was 6400 square feet and required diamond grinding to remove the old coating and properly profile the floor. The job was complete in five days with a crew of four men and one woman ( my wife Beth) and the finished product was breathtaking! We were very thankful that Greg at Armorpoxy referred the job to us and we were proud to deliver to our customer a durable, long lasting floor that they will be able to clean up and maintain easily.

-Jack Severens  
LKN Garage Epoxy Flooring

## Before



## ArmorUltra 3-Layer System



- Total Thickness of ArmorUltra 23 mils
- Standard Floor Paint 2 mils
- Sheet of Copy Paper 4 mils

## Features

- Easy to install
- 5-6x thicker than standard paint
- All materials included
- Chemical resistant
- Easy to clean
- Non slip
- Prevents hot tire pickup
- Stain resistant
- Abrasion resistant

## After

