

## Food Processing Rotary Dryer – Energy Retention and Personnel Protection

**Client Name and Location:** Food Processing Plant – Indiana, USA

**Date of Application:** June 2011, revisit in January 2015

**Mascoat Rep:** Travis Creech

**Applicator:** AES Specialty  
Contractors

**Coating Used:** Industrial-DTI

**Primer:** Carboline CM15

**Application:** Carbon Filter Trailer

**Dimensions:** 14' X 10'  
(4.26m X 3.04m)

**Reason for Application:** Energy  
Retention and Personnel Protection

**Mils Applied:** 120 mils (3 mm)

**Time to Complete:** 4 days

**Starting Surface Temperature:** 200°F (93°C)

**Post-Application Surface Temperature:** 106°F (41°C)

**Energy savings (as determined by TAR):** 680,000 BTU/hr

**Application Notes:** In January of 2015, a Mascoat representative visited the plant about an upcoming application and inquired about this 4-year-old project. The customer said that the coating was still performing as well as when it was installed. There had been a few small areas that were mechanically damaged by personnel, but the customer said total repairs in 4 years totaled approximately \$500.

**Quote from end user:** "A \$500 repair on one of these is nothing. If we had installed regular insulation on it, we would be looking at completely replacing the insulation at this point. That would cost us \$30,000 or so, plus shutdown time. We plan on using Mascoat's coatings for all future insulation purposes when appropriate."

