

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Mold Cleaning

Industry: Parts molding manufacturing

Segment: 26 – Fabricated Metal Parts

Soil: Latex paint

Substrate: Ceramic coated stainless steel, ceramic coated graphite

Description of Part(s): Ceramic coated molds

Customer objective: The customer was looking to improve their cleaning performance, reduce rework and reject rate and eliminate hazardous chemicals and waste.

Cleaner used:

1. 5% by volume ArmaKleen™ 4 in 1 Cleaner
2. 100% by volume ArmaKleen™ Paint and Ink Remover

Machine used:

1. Ultrasonic Washer (SK 6315)
2. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/ SUI)
3. Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

Temperature used: 160°F

Time required: 1 to 3.5 hours

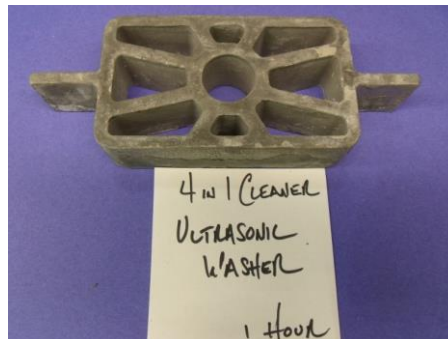
Post Cleaning: Fresh water rinse followed by air pressure drying.

Recommendation to Customer: The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer or a Spray Under Immersion Washer for a minimum of 1 hour. The ArmaKleen Technical Center also recommended using 100% by volume ArmaKleen™ Paint and Ink Remover at 160°F in an Ultrasonic Washer, a Spray Under Immersion Washer or a Spray Washer for a minimum of 1 to 3.5 hours.

Before Picture



After Picture



Source: TSR #13-AP-090