OVERVIEW

- About
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- Process & Product
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ABOUT COM2

- Limited Liability Corporation
  - Minority and Small Business Certified
- 2 facilities - Carol Stream, IL
  - 86,000 sq. ft. E Fullerton Ave. / 207,000 sq. ft. Kehoe Blvd.
  - 65 Employees total
- 1 facility – Mississauga, ON
  - 17,000 sq. ft. - 15 employees
- Dismantling, glass shredding, refurb/resale
- R2 Certified/ISO14001 and 18001 Certified
- USEPA Legitimate Recycling Standard compliant
CRT MATERIAL ACCEPTED

- Whole CRT units
- Bare tubes
- Broken tubes
- Broken glass
UPSTREAM/DOWNSTREAM

- **Upstream**
  - Recyclers
  - Manufacturer take-back
  - Government
  - Enterprises

- **Downstreams**
  - CRT glass - None
  - Frit buyers - Brazilian and US tile manufacturers
WHAT IS FRIT?

Used in the ceramics industry for ceramic tile glaze

- Feldspar, sodium carbonate and quartz, all found in CRT glass, are required for frit production
  - Energy savings
  - Natural resource savings
- Lead
  - Speeds up the fusing process (energy)
  - Reduces permeability (function)
  - Dramatically enhances brightness of glazes (marketability)
PROCESS – CRT GLASS

- Glass and glass products received at E Fullerton
  - Disassembly
  - Shredding
  - Dry-cleaning process to remove coatings
- Prepared glass moved to frit production facility on Keyhoe Blvd.
PROCESS – FRIT PRODUCTION

- Cleaned CRT glass sized - metal particles removed
- Feldspar, other minerals added in accordance with buyer specs
- Frit collected into supersacks for shipping
- Vitrification process occurs at the tile manufacturing site
CAPACITY

- CRT glass processing capacity
  - 5/TPH

- Frit production capacity
  - 20 TPH

- Expanding capacity?
  - Dictated by inbound volume/outbound product demand
FAQS

- Is COM2’s use for CRT glass the same as Camacho in Spain?
  - No. COM2 only uses CRT glass to produce frit for tile glaze, not the ‘bisque’, which is the tile itself

- Does it pass TCLP?
  - Yes. All TCLP testing comes in below Reportable Limits

- Does it pass the ISO test for lead and cadmium off-gasses from ceramic tiles?
  - Yes
Other questions?
CONTACT

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