



### PROCESS

FEECO was commissioned to engineer and manufacture a complete [roofing granule production line](#) for processing mined rock into roofing granules.

Ground rock from storage is fed into a counter-current FEECO [pre-heater drum](#) to heat the material in preparation of the [coating \(coloring\) drum](#).

The coating drum is used to create a homogeneous mixture of the granules and pigment/additive. This product is then processed in a [direct-fired rotary kiln](#) to adhere the additive to the granules. The granules are then cooled in a [rotary cooler](#).

All equipment was designed with the characteristics of the material to be processed in mind in order to yield a system that would resist abrasion, offering a long-term, reliable processing solution.

The success of the project has led FEECO to become a preferred provider of rotary equipment for the company.

The company also relies on FEECO for maintenance and spare parts as well.

### PROJECT SPECS

**Customer:**  
Proprietary

**Equipment Supplied:**

- Rotary Pre-heater
- Coloring/Coating Drum
- Rotary Kiln
- Rotary Cooler

**Project Location:**  
Canada

**Industry:**  
Aggregates

**Material:**  
Roofing Granules

**Project Engineer:**  
FEECO International, Inc.