

# BOILER ROOM & COMPRESSOR SKID

## JOB DETAILS:

### MARKET:

Manufacturing

### PRODUCT:

Five Star HP Grout,  
Stonkote GS4, Stonset PM5,  
Stonshield HRI Base

### DATE:

2017

### LOCATION:

Whitby, Ontario

### AREA:

Boiler Room & Compressor Skid

### QUANTITY:

1,200 ft<sup>2</sup>

### SUBSTRATE:

Concrete



**INSTALLATION**



**AFTER**



**AFTER**

## The Challenge

As part of a local packaging company's continuous improvement process a new Sullair V-320TS Two Stage Air compressor was installed at their Whitby facility. This high efficiency compressor is skid mounted and requires a precision Epoxy Grout to be utilized to ensure the equipment is maintained to line and level, and to reduce vibration.

At the same time as the new equipment installation was taking place, the company wanted to use that opportunity to coat the floors and surrounding trench plates to fully modernize the 1200 ft<sup>2</sup> boiler room.

## The Solution

Stonhard was able to provide a turnkey solution utilizing Five Star HP Epoxy Grout for the compressor skid base. Five Star

HP Epoxy Grout provided the necessary compressive strength and vibration attenuation required for the new Sullair V-320TS compressor.

To refurbish the surrounding areas, old coatings were removed from concrete surfaces by rotary grinding with Stonhard's in house Prep-Master. After the grinding was complete all uncovered defects were repaired and patched with Epoxy Mortars to maintain project timelines. Steel checker plates over the trenches were degreased and primed with a low viscosity penetrating epoxy primer.

Once all the areas had been repaired and primed, two coats of Stonkote GS4 were applied. This finish treatment was used for both concrete and steel surfaces to provide a consistent, easy to clean, durable and decorative surface.