



## CASE STUDY:

### TUFFLOOR – SMALL IRON FOUNDRY

#### EQUIPMENT

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A small grey iron producer

#### PRODUCT

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54,000 lb (24,500 kg) of TUFFLOOR

#### APPLICATION

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- Pouring deck
- Run-out pits for a 4 metric ton coreless furnace

#### INSTALLATION

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##### Pouring Deck

- Mixed in cement truck
- Cast 1½ - 2 inch (38 - 50 mm) thickness
- Dimensions of 2 feet (610 mm) wide and 60 feet (18 m) long
- Installed over a sheet metal sub-floor

##### Run-out Pit

- Mixed in cement truck
- Material installed on run out pits
- Vibrated in place with pencil vibrator

#### RESULTS

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- Requires less maintenance than previous product
- Installs faster than previous method
- Less expensive to cast in furnace pits than to install brick
- Spall resistant flooring and pit walls



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Allied Mineral Products, Inc. supplies an entire line of monolithic refractories for the metals industry. For more information or a complete evaluation of your refractory requirements, please contact your local Allied representative.

