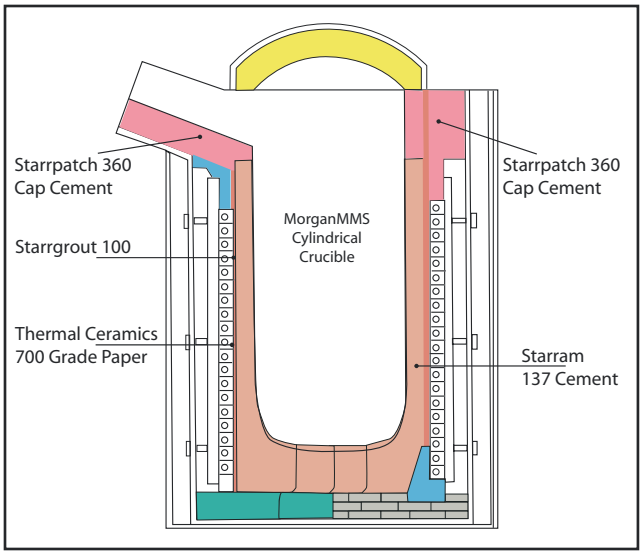
Starram 137

Starram 137 is a mullite based dry ramming refractory composition formulated for use as a backup material for induction crucibles. This product is designed to provide backup protection for clay graphite or silicon carbide crucibles in induction furnaces of all frequencies. It is especially recommended for installations using Starrbide induction crucibles.



FEATURES

- High alumina mullite based dry ramming
- Used as backup lining for clay graphite or silicon carbide crucibles in induction melting furnaces.
- Heat set bond.
- Maximum temperature - 3200°F.

IDENTIFICATION

Packaged in 50lb (22.6 kg) bags. Palletized 40 bags (2000 lbs or 904 kg) per 42" x 42" pallet protected with stretch wrap. Storage beyond twelve months is not recommended. Store in a dry location to avoid moisture pickup.

TECHNICAL DATA

Chemical Analysis

Al_2O_3	76.34%
SiO_2	18.39%
TiO_2	2.71%
Fe_2O_3	1.22%
R_2O	0.35%
CaO	0.08%
MgO	0.06%
Others	0.85%

Material Required	148lbs per cubic foot
Grain Size	6 mesh (4mm) and finer
Max Operating Temp	3200°F (1760°C)
Type of Set	Heat

SAFE USE

Contains aluminum oxide, aluminum silicates and silica. The International Agency for Research on Cancer (IARC) has classified crystalline silica inhaled in the form of quartz or cristobalite carcinogenic to humans. Refer to the MSDS for additional information and disposal instructions. Hydrogen gas may be generated when product is exposed to water. Proper ventilation should be supplied to avoid gas buildup. Avoid use of enclosed forms. Ignition of hydrogen gas in an enclosed area can lead to personal injury. Avoid breathing dust. Wear NIOSH approved respirator during installation, removal and disposal of product to prevent inhalation of dust. Avoid contact with skin and eyes. Cement powder or freshly mixed catable may cause eye or skin irritation. Steam spalling, which can lead to personal injury, may result from improper drying and firing procedures for products that are installed wet. In case of eye contact flush immediately and repeatedly with water and consult a physician. For safest use and optimum performance, proper practices must be followed.