

PRODUCT BULLETIN

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**ALLIED
MINERAL**
PRODUCTS, INC.

COIL CAST FS FAST

General Information

COIL CAST FS FAST is a fused silica, fine-grained conventional cement level castable refractory designed for use in severe thermal cycling conditions. COIL CAST FS FAST can be pour cast, spade cast or lightly vibrated. Excessive vibration should be avoided. This product offers the following benefits and features:

- > Outstanding thermal shock resistance
- > Exceptional flow in tight spaces
- > Excellent surface finish
- > Set time designed for rapid form removal

Technical Data

Chemical Analysis

(Major Components)

SiO ₂	68.7%
Al ₂ O ₃	27.5%
CaO	3.4%

Material Required	2.03 g/cm ³ (127 lb/ft ³)
Grain Size.....	2 mm (10 mesh) and finer
Maximum Use Temperature	1315°C (2400°F)

Packaged in 25 kg (55 lb) multi-wall paper bags. Also available in bulk packaging. Storage beyond 24 months is not recommended. Store in a dry location to avoid moisture pickup.

Hydraulic Set

Water Required:	8.5% (2.12 liters/25kg or 4.5 pints/55 lbs)
Working Time:	30 minutes
Initial Set:	30 minutes – 1 hour
Final Set:	2 – 9 hours

Allied Mineral Products, Inc. supplies a complete 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.

Warning: Contains aluminum oxide, aluminosilicate, cement 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 Material Safety Data Sheet for additional information and disposal instructions. 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 castable may cause eye and skin irritation. In case of eye contact, flush immediately and repeatedly with water and consult a physician. Steam spalling, which can lead to personal injury, may result from improper drying and firing procedures. For safest use and optimum performance, proper practices must be followed.

(CCFSFST)

8/11/15

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