



MORE THAN CONCRETE



0800 ASK CEMIX

CONCRETE & MORTARS



LAITITE REFRACTORY MORTAR

RAPID SETTING, WATER RESISTANT TILE ADHESIVE

AVAILABLE SIZES: 1.75kg, 3.5kg, 7KG, 38kg



READY
TO USE



HIGH
TEMPERATURE



SCAN FOR
DETAILS

DESCRIPTION

CEMIX® LAITITE is a fine, plastic, air-setting refractory mortar containing suitably graded and processed refractory aggregates, providing chemical and ceramic bonds. CEMIX LAITITE is supplied in a ready to use paste which air hardens at ambient temperatures and further hardens with heat. It provides a strong mortar joint which exhibits low permeability to gas flow in a service temperature range up to 1400° C.

TYPICAL APPLICATION/USES

CEMIX LAITITE can be used with firebricks in applications such as pizza ovens, fireplaces, furnaces, heat treatment plants, ceramic kilns, power plants, foundries and enamelling ovens. When diluted with water it can be used as a protective wash and as an adhesive bond prior to patching, veneer coating etc.

ADVANTAGES

- Ready to use
- Exhibits low permeability
- Service temperature range of up to 1400° C
- Can be diluted with water as a protective wash coating
- Can be used as an adhesive bond prior to patching, veneer coating etc

APPLICATION

For fire brick work:

For thin joints (1-3mm) apply straight from the pail to the laid face and side of clean, dry, firebricks using a masons trowel. Press bricks together and trowel off excess. For thicker joints or crack repair a suitable refractory sand or refractory aggregate can be added. When using refractory sands and aggregates, first apply an initial bonding coat, then the aggregate coat, then finally a protective coat in a 3 coat method.

Diluted with water:

Dilute with sufficient clean water to give the required consistency for brushing, bagging or spraying as a protective surface wash. Apply successive thin coatings, allowing each coat to dry out thoroughly

before applying the next. For urgent repairs or in low temperatures around 5° C - 18° C it is recommended to preheat the firebricks or base surface to around 30° C before the application.

YIELD

100 bricks will need approximately 20 - 25kg of mortar.

CURING

It is preferable to force dry CEMIX LAITITE shortly after completion of the work. Use a slow fire bringing the temperature gradually finally up to a minimum of 300° C. CEMIX LAITITE cures as a result of moisture evaporation therefore the cure rate will be significantly impaired during cold conditions. During extended cure times extra care must be taken to ensure the mortar does not suffer from water damage. CEMIX LAITITE will not cure at temperatures below 5° C.

STORAGE

To prevent premature hardening of CEMIX LAITITE keep pails well sealed when not in use.

TECHNICAL DATA

BULK DENSITY:	1.01kg/L
APPEARANCE	Grey Paste

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.



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2/2

LAITITE

If medical advice is needed, have product container or label at hand. Read label before use. Keep out of reach of children.

DANGER**HAZARD STATEMENTS**

- Causes severe skin burns and eye damage

PREVENTION

- Do not breathe dust/fume/gas/mist/vapours/spray
- Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

STORAGE

- Store locked up

DISPOSAL

- Dispose of contents/container in accordance with local regulations

DISCLAIMER

Please Note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Other than as appears on this products packaging, CEMIX® PRODUCTS LTD does not give any warranty express or implied as to suitability for any particular use. For all advice concerning the use of, or suitability of this product for a particular application please contact CEMIX® PRODUCTS LTD. If this product is defective please contact the merchant the material was purchased from or CEMIX® PRODUCTS LTD who will refund or replace it at no cost in accordance with the requirements of the Consumer Guarantees Act.

SCAN QR CODE FOR MORE PRODUCT INFORMATION.**CEMIX® PRODUCTS LTD**

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