



TENON[®]

Castable Refractory Cement



Heat-Resistant Repair Mortar

Tenon® Castable Refractory Mortar is a dry, preblended mortar designed for replacing fire brick and repairing fireplaces, wood stoves, fire pits, pizza ovens, BBQs, damaged chimney flue liners, and smoke chambers. Its engineered blend of heat-resistant cements and aggregates withstands temperatures up to 2,550°F (1400°C) and meets ASTM C199, resisting melting or burning for at least 6 hours.

Features:

- For applications over ¼ in. (6.35 mm) up to 4 in (101.6 mm).
- Heat resistant up to 2550°F (1400°C)
- 1-hour working time
- High strength and easy workability
- Meets ASTM C199 standards
- Preblended, just add water
- Water insoluble and acid resistant after curing



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Uses

- Ideal for replacing worn out fire brick
- Interior / exterior
- Use for constructing irregular surface profiles of fireplaces, barbecues, ovens and chimneys
- Can be used to cast a solid stove bed
- Designed to be used to fill large voids in masonry fireboxes
- Set or heavy parging of smoke chambers

Application

Apply only to surfaces that are frost free and above 40°F (4°C) and below 100°F (38°C) within 24 hours of application and 7 days thereafter. Do not apply in direct sunlight on hot, windy days, or when rain is forecasted within 24 hours.

1. Castable refractory cement working time is approximately 60 minutes @ 70°F (21°C).
2. Cast into place over a dampened (SSD) surface.
3. Fill form with the mixed refractory cement and tamp into place firmly, eliminating all voids. Slightly overfill the form. Then using a trowel, strike off the top surface and smooth out until you finish is smooth.
4. Let cure for 24 hrs prior to stripping the forms. (for best performance, forms should be treated with form release prior to use to ensure easy demolding)

Available In:

Tenon[®] Castable Refractory Cement is available in a 25 lb. pail and 50 lb. bag.



50 lb. bag
BOM #116749



25 lb. pail
BOM #116750

For professional use only.

It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use. For technical assistance, please contact TCC Materials. To acquire technical and safety literature, please visit our website.



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