

TYPE S MORTAR

ProMasonry Type S Mortar is a blend of masonry cement and sand, designed for professional use.

All ProMasonry products are processed through precision blending equipment to ensure a consistent product of superior quality.

SUGGESTED USES

For laying brick, block and stone, or pointing, plastering and stuccoing.

PREPARATION

Remove all loose and/or deteriorated material as well as any surface contaminants such as oil, paint, grease, etc.

MIXING

- Empty the contents of the bag into a clean wheelbarrow, mortar box, mechanical mixer or other mixing vessel.
- Form a crater with a shovel or hoe in the center of the dry mix. Pour the recommended 5.4 quarts (5.1 L) of clean potable water into the crater.
- **Caution** – An excessive amount of water will weaken the mix and can result in cracking. Add small quantities, 1 pint (0.5 L) or less, of water and thoroughly mix to reduce stiffness.
- **For hand mixing** – Blend dry mix with a shovel or hoe from the outer edges working the material towards the center. Continue mixing until all free water is used and all the aggregate is uniformly coated with cement.
- **For mechanical mixing** – Mix the material for three minutes.

APPLICATION TIPS

- Be sure to provide a proper footing.
- Lay masonry per industry and local standards.

FINISHING

- Joints can be finished when material has begun to set and the surface has a thumbprint hard consistency.
- Mortar joints can be finished with a jointing tool.

CURING

- Protect from direct sunlight, wind, rain and frost during the curing period.

CLEAN UP

- Clean tools and equipment with water immediately after use.
- Cured material will need to be mechanically removed.





TYPE S MORTAR

ProMasonry Type S Mortar meets or exceeds ASTM C387 and ASTM C270 specifications for compressive strengths when used as directed.

TECHNICAL DATA

Physical state and appearance		Dry powder with aggregate
Base		Masonry cement
pH	Wet mix	>12
Aggregate type		Mortar sand
Flow test	ASTM C109	108%
Compressive strengths – psi	ASTM C387	7 Days 1,680 (11.6 MPa) 28 Days 2,210 (15.2 MPa)

YIELD

- One 80 lb (36.3 kg) bag will lay up to 65 standard bricks and 26 standard blocks.

CAUTION

- May cause eye and skin irritation.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid breathing dust.
- Avoid contact with skin and eyes.
- Refer to Material Safety Data Sheet (MSDS) for additional information.
- Keep out of reach of children.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water.
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional.
- For respiratory problems remove person to fresh air.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

MANUFACTURER'S LIMITED WARRANTY

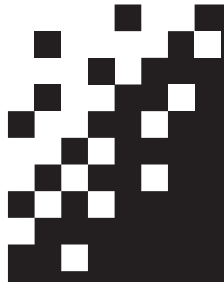
Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks.

Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. April 2008

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PROMASONRY®

MANUFACTURED BY: **CONPROCO CORPORATION**
PHONE 800.258.3500 FAX 603.743.5744



HIGH STRENGTH CONCRETE

ProMasonry High Strength Concrete is a blend of Portland cement, sand and stone, designed for professional use.

All ProMasonry products are processed through precision blending equipment to ensure a consistent product of superior quality.

SUGGESTED USES

Footings, foundations, steps, sidewalks, post holes, patios, floor slabs or any general concrete applications where a thickness greater than 2 inches (50 mm) is required.

PREPARATION

Compact and moisten the base material. Place forms and reinforcing steel as needed. When repairing concrete, remove all loose and/or deteriorated material as well as any surface contaminants such as oil, paint, grease, etc.

MIXING

- Empty the contents of the bag into a clean wheelbarrow, mortar box, mechanical mixer or other mixing vessel.
- Form a crater with a shovel or hoe in the center of the dry mix. Pour the recommended 3.5 quarts (3.3 L) of clean potable water into the crater.
- **Caution** – An excessive amount of water will weaken the mix and can result in cracking. Add small quantities, 1 pint (0.5 L) or less, of water and thoroughly mix to reduce stiffness.
- **For hand mixing** – Blend dry mix with a shovel or hoe from the outer edges working the material towards the center. Continue mixing until all free water is used and all the aggregate is uniformly coated with cement.
- **For mechanical mixing** – Mix the material for three minutes.

PLACEMENT

- Place material until it slightly overfills the forms.
- Consolidate to remove any voids by using manual or mechanical vibration.
- Strikeoff with a screed or straight edge board.

FINISHING

- Allow bleedwater to evaporate before finishing.
- Use a float to achieve a smooth finish or a broom for a rougher surface.
- **Caution** – Overworking could weaken the surface and result in cracking, dusting or scaling.

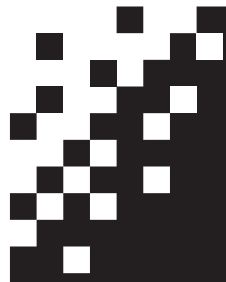
CURING

- Dampen with a fine mist of water for 24 hours or moist cure with wet burlap and polyethylene. Alternatively, apply ProMasonry Cure & Seal.
- Protect from direct sunlight, wind, rain and frost during the curing period.

CLEAN UP

- Clean tools and equipment with water immediately after use.
- Cured material will need to be mechanically removed.





HIGH STRENGTH CONCRETE

*ProMasonry High Strength Concrete meets or exceeds
ASTM C387 specification for compressive strengths when used as directed.*

TECHNICAL DATA

Physical state and appearance		Dry powder with aggregate
Base		Portland cement
pH	Wet mix	>12
Aggregate type		Concrete sand with 3/8 inch pea stone
Slump	ASTM C143	2 inch (50 mm) – 3 inch (76 mm) @ 3.5 quarts (3.3 L) – water/bag
Compressive strengths – psi	ASTM C387	7 Days 2,700 (18.6 MPa) 28 Days 4,000 (27.6 MPa)

YIELD

- One 80 lb (36.3 kg) bag yields approximately 0.6 cu ft (17.0 L).

CAUTION

- May cause eye and skin irritation.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid breathing dust.
- Avoid contact with skin and eyes.
- Refer to Material Safety Data Sheet (MSDS) for additional information.
- Keep out of reach of children.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water.
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional.
- For respiratory problems remove person to fresh air.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

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SAND MIX

ProMasonry Sand Mix is a blend of Portland cement and sand, designed for professional use.

All ProMasonry products are processed through precision blending equipment to ensure a consistent product of superior quality.

SUGGESTED USES

High strength mortar, high strength grout, patching, repairing, stuccoing or any other general concrete applications where a thickness of less than 2 inches (50 mm) is required.

PREPARATION

Remove all loose and/or deteriorated material as well as any surface contaminants such as oil, paint, grease, etc.

MIXING

- Empty the contents of the bag into a clean wheelbarrow, mortar box, mechanical mixer or other mixing vessel.
- Form a crater with a shovel or hoe in the center of the dry mix. Pour the recommended 4.25 quarts (4.0 L) of clean potable water into the crater.
- **Caution** – An excessive amount of water will weaken the mix and can result in cracking. Add small quantities, 1 pint (0.5 L) or less, of water and thoroughly mix to reduce stiffness.
- **For hand mixing** – Blend dry mix with a shovel or hoe from the outer edges working the material towards the center. Continue mixing until all free water is used and all the aggregate is uniformly coated with cement.
- **For mechanical mixing** – Mix the material for three minutes.

APPLICATION TIPS

- Areas to be patched should be chipped off to a depth of at least 1 inch (25 mm). Edges should be perpendicular and not feathered.
- Patch and surrounding area should be wetted although no pooled water should remain when ProMasonry Sand Mix is applied.

FINISHING

- The patch should be screeded level with a straight edge held slightly above the unpatched area and then allowed to cure for 1 to 2 hours before being troweled to its final plane.
- **Caution** – Overworking could weaken the surface and result in cracking, dusting or scaling.

CURING

- Dampen with a fine mist of water for 24 hours or moist cure with wet burlap and polyethylene.
- Alternatively, apply ProMasonry Cure & Seal. Protect from direct sunlight, wind, rain and frost during the curing period.

CLEAN UP

- Clean tools and equipment with water immediately after use.
- Cured material will need to be mechanically removed.





SAND MIX

TECHNICAL DATA

Physical state and appearance	Dry powder with aggregate		
Base	Portland cement		
pH	Wet mix	> 12	
Aggregate type	Sand		
Compressive strengths – psi	7 Days 3,400 (23.4 MPa)	28 Days 4,500 (31.0 MPa)	

YIELD

- One 80 lb (36.3 kg) bag yields approximately 0.6 cu ft (17.0 L).

CAUTION

- May cause eye and skin irritation.

HEALTH AND SAFETY

- Do not ingest.
- Avoid breathing dust.
- Avoid contact with skin and eyes.
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- Keep out of reach of children.

FIRST AID

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DISPOSAL

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