MORTAR SAND

ProMasonry Mortar Sand can be mixed with Portland cement to achieve a high performance mortar.

BELOW ARE TWO CHARTS FOR PROPORTIONING MIXES ACCORDING TO ASTM C270 STANDARDS.

- The first chart specifies a Portland cement and hydrated lime based mix.
- The second chart specifies a Portland cement or masonry cement based mix.

PORTLAND CEMENT-LIME

PROPORTIONS BY VOLUME

TYPE	PORTLAND CEMENT	HYDRATED LIME	AGGREGATE RATIO
M	1	0.25	3.00 to 3.75
S	1	0.25 to 0.50	3.75 to 4.50
N	1	0.50 to 1.25	4.50 to 6.75
O	1	1.25 to 2.50	6.75 to 10.50
R	1	2.50 to 4.00	10.50 to 15.00

MORTAR OR MASONRY CEMENT

PROPORTIONS BY VOLUME

TYPE	PORTLAND CEMENT	MORTAR OR MASONRY CEMENT			AGGREGATE RATIO
		M	S	N	
M	1	–	–	1	4.50 to 6.00
M	–	1	–	–	2.25 to 3.00
S	0.50	–	–	1	3.50 to 4.50
S	–	–	1	–	2.25 to 3.00
N	–	–	–	1	2.25 to 3.00
O	–	–	–	1	2.25 to 3.00

OTHER USES

- Paver base, Paver joints, General landscaping, Traction in snow and icy conditions.

A Division of TCC MATERIALS

PROMASONRY®
PROFESSIONAL QUALITY CEMENT PRODUCTS

MORTAR SAND

TECHNICAL DATA

- ProMasonry Mortar Sand meets or exceeds ASTM C144 specification for masonry mortar aggregate.

MORTAR TYPES AND STRENGTHS

Type M

- Very high strength mortar (2500+ psi or 17.2+ MPa) commonly used in exterior applications at or below grade.

Type S

- High strength mortar (1800+ psi or 12.4+ MPa) commonly used in exterior load bearing applications above or below grade.

Type N

- Moderate strength mortar (750+ psi or 5.2+ MPa) commonly used in interior or exterior non-load bearing applications at or above grade.

Type O

- Low strength mortar (350+ psi or 2.4+ MPa) commonly used in tuck pointing and interior non-load bearing applications.

Type K

- Very low strength mortar typically used when tuck pointing historic structures.

YIELD

- One 70 lb (31.8 kg) bag yields approximately 0.74 cu ft (21.0 L).

HEALTH AND SAFETY

- 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

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

PROMASONRY®

MANUFACTURED BY: **TCC MATERIALS**

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