

SGS MORTAR COLORS

DESCRIPTION

SGS Concentrated Pure Mineral Mortar Colors are designed to provide uniform control to all cementitious material (Type N, S, M, or O strength Masonry Cement and Portland-Lime mixtures).

INSTALLATION

Using a mechanical mixer, load 3/4 the amount of water and 1/3 the amount of sand. Add Masonry Cement (or Portland-Lime mixture) and the appropriate amount of SGS Mortar Color. Mix slowly, adding the balance of sand and water until a uniform color is achieved.

FINISHING

Mortar joints should be tooled only when it reaches a "thumbprint" consistency. Tooling too soon can create a smear.

CLEANING

Cleaning should only be undertaken after mortar has cured (7-14 days) using Prosoco VanaTrol. Muriatic acid is not recommended.

ASTM SPECIFICATION FOR MORTAR
Unit Masonry C 270 includes the following mortars:

Appropriate number of SGS Color units to be added with the mortar mix.

PREPARED MASONRY CEMENTS (ASTM C91)

| | "A" Series Color | "H" Series Color | "X" Series Color |
|--|------------------|------------------|------------------|
| Type N, S, or M One 70-80 lb. (32-36 kg) bag masonry cement (ASTM C91, Type 1), plus 3 cu. Ft. (.08 m ³) sand ASTM 144 | One "A" Unit | One "H" Unit | One "X" Unit |
| PORTLAND CEMENT - LIME MORTARS | | | |
| Type N (750 psi) (5168 kPa) One 94 lb. (43 kg) bag portland cement (ASTM C150) One 50 lb. bag (27 kg) hydrated lime (ASTM C 207), plus 6 cubic ft. (.17m ³) sand ASTM C 144) | Two "A" Units | Two "H" Units | Two "X" Units |
| Type S (1800 psi) (12,400 kPa) Two 94 lb. (43 kg) bags portland cement (ASTM C 150) One 50 lb. (27 kg) bag hydrated lime (ASTM C207), plus 9 cubic ft. (.25 m ³) sand (ASTM C 144) or One 94 lb. (43kg) bag Portland cement (ASTM C 150), Two 70 lb. (32kg) bags masonry cement type 1(ASTM C91) plus nine cu. Ft. (.25m ³) sand (ASTM C144) | Three "A" Units | Three "H" Units | Three "X" Units |
| Type M (2500 psi) (17,225 kPa) Two 94 lb. (43 kg) bags portland cement (ASTM C 150) 25 lbs. (11 kg) hydrated lime (ASTM C 207), plus six cubic ft. (.17m ³) sand (ASTM C 144) or One 94 lb. bag (43 kg) bag portland cement (ASTM C150); One 70 lb. (32 kg) bag Type 1 masonry cement (ASTM C91), plus six cubic ft. (.17m ³) sand (ASTM C 144) | Three "A" Units | Three "H" Units | Three "X" Units |
| TYPE O (350 psi) (2412 kPa) One 94 lb. (43 kg) bag portland cement (ASTM C150) Two 50 lb. bags (27 kg) hydrated lime (ASTM C 207), plus nine cubic ft. (.25m ³) sand (ASTM C 144) | Three "A" Units | Three "H" Units | Three "X" Units |

| PREPARED MASONRY CEMENT | | | |
|--|-----------------|----------------|-----------|
| COMPRESSION STRENGTH - Compressive strength at 28 days. | | | |
| Type M 2500 psi | | | |
| Type S 1800 psi | | | |
| Type N 750 psi | | | |
| MORTAR PROPORTIONS - Mortar proportions using masonry cement | | | |
| MORTAR TYPE | PORTLAND CEMENT | MASONRY CEMENT | SAND |
| M | 1 Bag | 1 Bag | 6 C. F. |
| S | 1/2 Bag | 1 Bag | 4.5 C. F. |
| N, S or M | 0 | 1 Bag | 3 C. F. |

PACKAGING

A Series—6-4 lb. bags per carton
H Series—12-2 lb. bags per carton
X Series—18-1 lb. bags per carton

MASONRY