

MASTERTOP® QUARTZITE

Solvent free floor system

DESCRIPTION:

MASTERTOP® QUARTZITE Solvent Free floor system combines highly decorative, seamless epoxy with multicolored ceramic granular aggregate to provide an aesthetic, chemically resistant, and durable wearing surface. Several MASTERTOP QUARTZITE Solvent Free Systems are offered: MASTERTOP QUARTZITE 1100, 2100, 2200 and 6000. Your Certified Master Builders Contractor can recommend the appropriate system for your specific needs.

TYPICAL USES:

- Commercial & institutional kitchens
- Pharmaceutical plants
- Laboratories
- Hospitals & health care facilities
- Educational facilities
- Clean rooms
- Penal institutions
- Stadiums

ADVANTAGES:

- **Solvent free**, low odor
- Tough, durable & seamless floor
- Attractive permanent multicolored patterns
- Easy to maintain surface, highly UV stable
- Rapid, clean installation process
- Variety of textures available
- **(Optional)** Elastomeric membrane to combat water damage
- **(Optional)** Integral cove, base & curbs

COLORS:

Available in 18 standard color patterns. Custom patterns are available upon request.

TYPICAL PHYSICAL PROPERTIES:

NOTE:

These properties are for MASTERTOP QUARTZITE 6000

Compressive Strength

ASTM C 579 10,400 psi (72 MPa)

Tensile Strength

ASTM C 307 1,960 psi (14 MPa)

Impact Resistance

Gardner Impact Tester >160 in • lb

Abrasion Resistance

ASTM D 4060 .105 gm

Chemical Resistance*

* Please consult your local Master Builders representative for chemical resistance information.

LIMITATIONS:

Heat Resistance Limits:

- 140°F (60°C) for continuous exposure.
- Adequate ventilation must be ensured.
- Movement of sub-floor cracks may transmit through flooring system.
- Effective vapor barrier required beneath substrates in contact with ground.
- Extremely light, dark or solid color patterns are not recommended.
- Store material in a cool, dry area [50°F to 90°F (10°C to 32°C)] away from direct sunlight, flame or other hazards.

APPLICATION:

This system is applied only by Master Builders Certified Contractors. Follow detailed instructions in Certified Contractor Installation Manual.

SURFACE PREPARATION

- Surface and air temperatures must be at least 55°F (12°C) during installation and initial cure.
- Surface should be checked for soundness and any "hollow" areas should be removed. All depressions or spalled areas and cracks should be pre-filled by a certified contractor approved product.
- Optional membrane/crack treatment may prevent reflective cracking of topping. Consult with a Master Builders representative.
- Concrete substrate should have laitance removed, preferably, by shot blast method. For unaccessible areas, consult the manufacturer and/or certified contractor for alternate methods of preparation.
- Detailing work such as injection, patching, treatment of control and expansion joints, as well as cove base installation, shall be according to specifier recommendation.

MAINTENANCE:

Please consult a Master Builders Certified Contractor for maintenance information.

SAFETY:

- For industrial & professional use only.
- For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS).

For additional information, contact your local Master Builders representative.

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