

MASTERTOP® MORRITEX C-11

Solvent free heavy industrial floor system

DESCRIPTION:

MASTERTOP® MORRITEX C-11 Solvent Free is a heavy duty industrial floor that utilizes factory blended, mineral aggregates to produce a dense, seamless surface. The system offers chemical resistance and accepts heavy abuse from impact and heavy loading.

TYPICAL USES:

- Light & heavy manufacturing
- Pharmaceutical facilities
- Beverage plants, dairies, breweries, soft drink producers & distilleries
- Sewage & water treatment plants
- High traffic areas (aisleways, loading areas)

ADVANTAGES:

- Solvent free, low odor
- No volatile organic compounds (VOCs)
- High compressive strength
- Protects sub-floor from chemical or physical attack
- Highly UV stable
- (Optional) Elastomeric water protection membrane
- (Optional) Integral cove, base & curbs

COLORS:

Available in MASTERTOP floor colors. Please consult Master Builders for information on custom colors.

TYPICAL PHYSICAL PROPERTIES:

Compressive Strength <i>ASTM C 579</i>	11,000 psi (76 MPa)
Tensile Strength, Binder <i>ASTM D 638</i>	6,800 psi (47 MPa)
Flexural Strength <i>ASTM C 580</i>	3,520 psi (24 MPa)
Coefficient of Thermal Expansion <i>ASTM C 531</i>	2.3×10^{-5} "/° F
Impact Resistance <i>Gardner Impact Tester</i>	>160 in • lb
Hardness Shore D <i>ASTM D 2240</i>	80
Abrasion Resistance <i>ASTM D 4060</i>	0.085 gm

Chemical Resistance*

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

LIMITATIONS:

Heat Resistance Limits:

- 160°F (72°C) for continuous exposure.
- Adequate ventilation must be ensured.
- Movement of sub-floor cracks may transmit through flooring system.
- Effective vapor barrier is required beneath substrates that are in contact with ground.
- 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 inaccessible 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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