

MASTERTOP® Morritex H.D.

Solvent free industrial floor system

DESCRIPTION:

MASTERTOP® MORRITEX H.D. Solvent Free floor system is an industrial floor system that has been developed for areas that require texture or resistance to impact and/or chemical attack.

TYPICAL APPLICATION AREAS:

- Chemical processing facilities
- Pharmaceutical facilities
- Beverage plants, dairies, breweries, soft drink producers & distilleries
- Sewage & water treatment plants
- Animal laboratories & housing
- Food & meat processing plants
- Commercial & institutional kitchens
- Automotive maintenance facilities

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

ASTM C 579 10,400 psi (72 MPa)

Tensile Strength, Binder

ASTM D 638 7,250 psi (50 MPa)

Flexural Strength

ASTM C 580 3,200 psi (22 MPa)

Coefficient of Thermal Expansion

ASTM C 531 1.32×10^{-5} "/° F

Impact Resistance

Gardner Impact Tester >160 in • lb

Hardness Shore D

ASTM D 2240 85

Abrasion Resistance

ASTM D 4060 0.105 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 required beneath substrates 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 for more information.
- Concrete substrate should have laitance removed, preferably, by shot blast method. For inaccessible areas, consult 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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