

# MASTERTOP® DESCOGLAZE-I

*Epoxy / polyester coating*

## DESCRIPTION:

MASTERTOP® DESCOGLAZE-I coating is a newly improved two-component, pigmented coating that combines the toughness, chemical resistance and adhesion of an epoxy, with the color retention and economy of a polyester. The combination of technologies yields a flexible, high quality durable and decorative coating to interior surfaces. It is especially beneficial where long lasting, glazed finishes for interior substrates, such as walls and ceilings are desired.

## TYPICAL USES:

- Finish coat for the MASTERTOP DESCOGLAS system
- Institutional, industrial & commercial buildings
- Interior walls, ceilings & columns
- New or existing buildings
- Food industry
- Wastewater treatment plants
- Hospitals, semi-conductor & similar clean spaces

## ADVANTAGES:

- No toxic fumes/ low odor, permitting use in occupied areas
- May be applied over latex or flat oil based paints, if paint film adhesion is satisfactory
- Easy to maintain
- Complies to U.S. Federal Specification TTC 550C
- Excellent chemical & stain resistance
- Good scratch resistance
- Easier handling & application properties

## COLORS:

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

## TYPICAL PHYSICAL PROPERTIES:

### Color Retention

ASTM E 188

No fading or loss of gloss of film after 100 hours (Fad-o-meter)

### Abrasion Resistance

ASTM D 4060

0.025 gm

### Fire Resistance

ASTM E 84

Flame spread index 7  
Smoke development 5  
Class "1" or "A"

### Moisture Vapor Transmission

ASTM E 96

< 1 perm

### Chemical Resistance\*

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

## LIMITATIONS:

- Adequate ventilation must be ensured.
- Not suitable for heavy chemical abuse (tank lining).
- Do not subject to chemicals for at least 14 days after application.
- Avoid uncured and/or damp backings over 3% maximum moisture content by mass (ASTM D 1863-76).
- Relative humidity should not exceed 80%.
- Previously painted surfaces are subject to inspection and approval from a Master Builders Certified Contractor.
- 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 Inc. Certified Contractors. Follow detailed instructions in Certified Contractor Installation Manual.

## SURFACE PREPARATION

- Surface and air temperature must be at least 55°F (12°C) during installation and initial cure.
- When applied as a topcoat over Master Builders MASTERTOP DESCOGLAS wall and ceiling surfacing system, the surface shall have reached its initial cure, should be clean and free of all contaminants that are detrimental to proper bonding.
- When used for direct application, the substrata should be clean, sound, dry and free from all contaminants that are detrimental to proper bonding.
- Substrate should be examined carefully for holes and cracks, and should be pre-filled by a certified contractor approved product.
- Substrates that require filling (CMU, concrete, etc.) use Fillcoat 1428; Smooth Backings (drywall), utilize 1428X as primer sealer. MASTERTOP DESCOGLAZE-I may also be used as a topcoat for other Master Builders wall and ceiling finishes.

## 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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