

MASTERTOP® DESCOGLAS

Solvent-free reinforced/resinous wall and ceiling surfacing

DESCRIPTION:

MASTERTOP® DESCOGLAS Solvent Free surfacing is the peerless wall and ceiling system that combines the proven strength of reinforcing fiberglass with a 100% solids thermosetting, high build resin system. The installed result is a seamless, high performance wall and ceiling finish.

MASTERTOP DESCOGLAS Solvent Free system is resistant to harsh chemicals and physical abuse. The system also provides solutions for the many requirements associated with high performance areas, including expensive maintenance costs.

INTEGRATES WITH MASTERTOP FLOORS FOR SEAMLESS, GERM INHIBITING & LOW MAINTENANCE DESIGN

MASTERTOP DESCOGLAS is a field proven solution for connecting unlike substrates without the use of joints, sealants and wall and ceiling connections. Called the "Ultimate Connection™", the approach involves the installation of wide radius corners, both vertically and horizontally, to permit Master Builders floors and walls to be applied in overlapping layers. The installed result is then a seamless, germ impenetrable and easy to clean surface.

TWO MASTERTOP DESCOGLAS SOLVENT FREE SYSTEMS

Two types of MASTERTOP DESCOGLAS Solvent Free are available:

- **RM** – RM is the standard MASTERTOP DESCOGLAS Solvent Free selection. It utilizes special fiberglass fabric and thermosetting resins that are 100% solids. Typical RM application thickness is at 25 to 35 mils DFT.
- **NR** – NR is the MASTERTOP DESCOGLAS Solvent Free system that utilizes 100% solids, thermosetting resins without the fiberglass reinforcing that is recommended for ceilings where abuse is minimal. Typical NR application thickness is at 6 to 10 mils DFT.

TYPICAL USES:

- Pharmaceutical & cosmetic manufacturing facilities
- Food & beverage processing facilities
- Health care facilities, surgeries & food preparation & handling
- Operating rooms, scrub rooms, intensive care & therapy areas
- Commercial kitchens, dishwasher & waste disposal areas
- "Clean room environments" for pharmaceutical, animal research & electronic facilities
- Class 10 to Class 1,000 performance areas
- High impact walls

ADVANTAGES:

- USDA approved, accepted by the Canadian Department of Agriculture
- May be applied to a variety of substrates
- Jointless surfacing provides vapor barrier
- Maximum impact & chemical resistance
- Not affected by most temperature variations
- Easily cleaned & decontaminated
- No static cling
- Good abrasion resistance

COLORS:

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

TYPICAL PHYSICAL PROPERTIES:

Flexibility <i>ASTM D 522</i>	Passes 1" with no cracking
Volatile Organic Compounds (VOC)	0 lbs/gal
Impact Resistance <i>Gardner Impact Tester</i>	>160 in • lb
Abrasion Resistance <i>ASTM D 1044</i>	0.019 gm
Fire Resistance <i>ASTM E 84</i>	Available in Class A or Class B Consult Master Builders
Chemical Resistance *	
* Please consult your local Master Builders representative for chemical resistance information.	

LIMITATIONS:

- Adequate ventilation must be ensured.
- Restore, replace or avoid weak or deteriorating backings.
- Avoid uncured and/or damp backings over 3% maximum moisture content by mass (ASTM D 1863-76).
- Masonry backings may require cement plaster finish if it is desirable to have the wall in perfect plane.
- Previously applied finishes subject to practical field evaluation to determine appropriate preparation, primers, etc.
- 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 60°F (16°C) during installation and initial cure.
- Substrate to receive MASTERTOP DESCOGLAS Solvent Free system must be sound, clean, dry and free from all contaminants.
- Substrate should be examined carefully for holes or cracks and be pre-filled by a Certified Contractor approved product.
- Surface should have laitance and/or efflorescence removed by mechanical abrasion method. For unaccessible areas, consult manufacturer and/or certified contractor for alternate methods of preparation.
- When masonry backings require cement plaster overlays, consult Master Builders or the certified contractor for the appropriate Master Builders product.
- Dry wall systems, plaster and suitable substrates.

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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