

Desco WallGlass Series

Technical Data

DESCRIPTION:

Desco WallGlass is a reinforced wall and/or ceiling system formulated with advanced polymer chemistry to allow flexibility and toughness. The series consist of four distinctive derivatives of this proven technology. WallGlass is available in high gloss, semi-gloss or satin finish. WallGlass can be formulated to withstand your demanding chemical exposure.

TYPICAL USES:

- Corridors
- Operating Rooms
- Compound and Packaging Rooms
- Racquetball Courts
- Kitchens
- Manufacturing Process Rooms
- Showers
- Sterile Areas

PHYSICAL PROPERTIES:

<i>Compressive Strength</i>	10,370 psi
ASTM 695-85	
<i>Tensile Strength</i>	3,160 psi
ASTM 695-85	
<i>Tensile Elongation</i>	8.0%
ASTM D638-86	
<i>Hardness</i>	82
Shore D	
<i>Abrasion Resistance</i>	.033
ASTM D4060-90	
<i>Mar Resistance</i>	1.0 Kg
ASTM D5178-91	

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.

COLORS:

See Desco color card.

WALLGLASS SERIES

FC – Fiberglass Cloth – a 25 to 40 mil system with 2% to 6% fiberglass cloth.

FR – Micro-Flake Reinforcing – a 15 to 25 mil system with micro-flake reinforcing.

FS – Fiberglass Strand – a 15 to 25 mil system with random fiberglass strands.

FX – Non Reinforced – a 10 to 15 mil system sans reinforcing.

SYSTEM FINISHES:

Satin – An aqueous polyurethane top coat for chemical resistance and low sheen.

Semi-Gloss – A color stable epoxy top coat system.

Gloss – a Chemical and ware resistant polyurethane top coat for chemical and abrasion resistance.

MOISTURE TEST:

Walls and ceilings shall be tested for moisture and pH.

Moisture – Using a Tramax or Protometer verify that substrate is dry before proceeding with application.

Alkalinity – Using a litmus paper test, check for pH range of neutral to 12 before starting work. Block and concrete walls shall have sample area wetted and pH taken while the surface is still saturated.

PRECAUTIONS

Do not apply systems when temperature is less than 5°F above the dew point.

Do not apply when substrate temperatures are below 50°F or above 95°F. (Material cures slower at cooler temperatures and working time will be substantially reduced at higher temperatures.)

Water from outside sources can cause water whitening of uncured polymer material.

Confirm product performance in specific chemical environment prior to use.

Moisture from reverse side of substrate may lead to coating failure.

Kansas City & Arkansas:

616 N. Rogers Road
Olathe, KS 66062
800-426-4164

St. Louis:

320 Thornton West
St. Louis, MO 63119
800-373-8128

