



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
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PHYSICAL PROPERTIES

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

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

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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 5⁰F above the dew point.

Do not apply when substrate temperatures are below 50⁰F or above 95⁰F. (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.

WARRANTY

DESCO warrants its products to be free from defects in material and workman ship. DESCO's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at DESCO's option, to either replacement of products not conforming to this warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to DESCO in writing within five days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify DESCO of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Any recommendation or suggestion relating to the use of the products made by DESCO, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. DESCO cannot guarantee that color will conform to sample, if provided.

DESCO makes no other warranties concerning this product. No other warranties, either expressed or implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall DESCO be liable for consequential or incidental damages.