

# WALLGLASS FC



**DESCO WALLGLASS FC** is a reinforced wall system formulated with advanced polymer chemistry to allow flexibility and toughness. The Desco Wallglass FC is a fully reinforced wall coating system designed for applications where clean room type properties are required. Desco Wallglass FC has been a staple in Hospital Operating rooms, Sterile rooms, and pharmaceutical clean rooms due to its durability and cleanability.

## TYPICAL USES

- Pharmaceutical manufacturing
- Hospital O.R.
- Sterile cart areas
- Heavy duty kitchens
- Showers
- Laundries

## TEXTURES

**Orange Peel:** Is the standard texture.

**Smooth:** Requires a spray finish.

## 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 added chemical and abrasion resistance

## PHYSICAL PROPERTIES

**Compressive Strength** ..... 10,370 psi  
ASTM 695-85

**Tensile Strength** ..... 3,160 psi  
ASTM 695-85

**Tensile Elongation** ..... 8.0%  
ASTM D638-86

**Hardness** ..... 82  
Shore D

**Abrasion Resistance** ..... 0.033  
ASTM D-4060-90

**Mar Resistance** ..... 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

Standard color is Desco white. Custom colors available at no upcharge.

## FIBERGLASS CLOTH

A 25 to 40 mil system with 2 ounce to 6 ounce fiberglass cloth

## 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.

*DESCO warrants its products to be free from defects in material and workmanship. 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.*

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