



# Descoflex Technical Data

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## DESCRIPTION

Descoflex is a coating system that combines the elasticity and toughness of a true membrane forming, two part polyol with the stain resistance and color stability of a 100% solids advanced micro polymer. Descoflex offers crack bridging properties to dampen minor movement of concrete shrinkage, restraint cracking and temperature changes.

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## TYPICAL USES

- Laboratories
  - Clean Rooms
  - Biotech Areas
  - Food & Beverage Facilities
  - Pharmaceutical Manufacturing
  - Containment Areas
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## PHYSICAL PROPERTIES

Tensile Strength ASTM D-412	>1,200 psi
Tensile Elongation ASTM D-412	>145%
Adhesion ACI 503R	350 psi (100% Conc. Failure)
Hardness, Shore D ASTM D2240	23
Thermal Cycling ASTM C884	No Cracking
Flammability	Self Extinguishing Over Concrete

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

Kansas City & Arkansas:  
19890 W 156th Street  
Olathe, KS 66062  
800-426-4164

St. Louis:  
9587 Dielman Rock Island  
Industrial Drive  
Olivette, MO 63132  
800-373-8128

[www.descocoatings.com](http://www.descocoatings.com)

[info@descocoatings.com](mailto:info@descocoatings.com)

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**COLORS**

See Desco color card.

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**SERIES**

Smooth Substrate - Consists of primer, two coats of Descoflex, top coated with finish as selected below.

Block Substrate - Consists of block filler, recommended by Desco for conditions to be encountered, two coats of Descoflex, top coated with finish as selected below.

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**SYSTEM FINISHES**

Satin An aqueous topcoat for chemical resistance and low sheen.

Gloss A chemical and wear resistant polymer top coat for chemical and abrasion resistance

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**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.

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**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.

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## 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.