



## Product Data Sheet

### Product Description

UD 1000 is a premium water-based urethane floor finish for hard surface floors. UD 1000 provides a satin or matte appearance and is UV, abrasion and chemical resistant while retaining good flexibility. UD 1000 is formulated as a low maintenance finish that will hold up to repeated washing and scrubbing and does not require buffing, burnishing, stripping or frequent recoating. The two-coat system includes a WearCoat with microscopic wear particles that dramatically increase its durability and resistance to abrasion.

### Physical Properties

Odor -	Very mild
Clean Up -	Water and soap
VOC Content -	125 g/l or less
Gloss -	Satin – 60 degrees Matte – 20 degrees
Solids -	WearCoat – 47% TopCoat – 36%
Coverage Rate -	800-900 sq ft
Color in Container -	Milky – dries clear

### Application Parameters

(72 Degrees, 50% Relative Humidity)

Pot Life -	WearCoat – None TopCoat – 6 hours
Dry Time -	60-90 minutes per coat
Shelf Life -	12 months
Recoating- Sanding or Wet Screen to create adequate profile for adhesion	

### Recommended Uses

Formulated for use on commercial interior floors as an alternative to traditional acrylic floor finishes for common floor types such as sheet vinyl, luxury vinyl, terrazzo, vct and linoleum. Ideal for:

Hospitals	Schools	Clinics
Day Care Centers	Restrooms	Surgical Centers
Animal Hospitals	Universities	Churches

### Performance Characteristics

Surface Preparation: Full removal of existing finish, or scrub with conditioning pad and neutral cleaner  
 Application: Direct to Surface  
 Abrasion Resistance: 7800 revolutions (CS-17 with 100 gram weight) Taber Abraser  
 SCOF: 0.90 Dry, 0.60 Wet  
 Freeze thaw stable: 3 cycles at room temperature  
 Flash Point: > 200 degrees F  
 Density: 1.02-1.24 grams/ml  
 Fire Rating: Class A for flame spread, melt rate and smoke density

### Chemical Resistance

Vinegar acid 7% - 5 hr  
 Citric Acid – 24 hr  
 Sodium Carbonate – 24 hr  
 Ammonia Water – 24 hr  
 Ethanol 48% Water – 24 hr  
 Red Wine – 24 hr  
 Cola – 24 hr  
 Urine – 24 hr  
 Petrolether – 24 hr  
 Acetone – 2 min  
 Ethyl/Buthylacetate 1:1 – 1 hr  
 Betadyne – 24 hr

**Ultra Durable Floors**  
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