

# UnaCoat PUD 70

**VENTREX®**

**Advanced Sustainable Performance**

## Sustainable Performance

UnaCoat PUD 70 is a high performance, solvent free, 1K water-based polyurethane dispersion with high renewable content. It represents a new generation of highly sustainable PUDs suited for leather, textile, wood, and other applications. UnaCoat PUD 70 can be blended with other 1K and 2K PUD systems and further cross-linked with isocyanate.

**Provides premium hydrolytic, thermal, solvent, and wear resistance with excellent adhesion to substrates.**

### TYPICAL DISPERSION PROPERTIES

<b>Appearance</b>	Slightly opaque to translucent
<b>Solid Content, % by weight</b>	~ 40
<b>Viscosity at 25°C, cps (ASTM D 4878, Brookfield)</b>	<100
<b>Sustainable Content (dry film)</b>	>65 %
<b>NMP free</b>	

### TYPICAL FILM PROPERTIES

<b>Tensile stress at break, psi (ASTM D2370)</b>	5500
<b>Tensile strength at 100%, psi (ASTM D2370)</b>	900
<b>Elongation at break, % (ASTM D2370)</b>	760

### TYPICAL COATING PROPERTIES

<b>Gloss, 60° (ASTM D523)</b>	100
<b>Pencil Scratch Hardness (ASTM D3363)</b>	6H
<b>Pencil Gouge Hardness (ASTM D3363)</b>	7H
<b>Impact Test (ASTM D2794)</b>	No rupture at max height
<b>Taber Abrasion Wear (CS 10, 1000 cycles)</b>	10.5
<b>Dry Time (2<sup>nd</sup> degree, ISO 9117-5)</b>	1h

Store unopened containers indoors at temperatures between 45°F and 95°F. If stored as recommended, UnaCoat PUD 70 is stable for 6 months. To ensure consistence, mix prior to use.

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