

UnaCoat PUD 80M

VENTREX®

Advanced Sustainable Performance

Sustainable Performance

UnaCoat PUD 80M is high performance, solvent free, 1K water-based polyurethane dispersions with high renewable content and low gloss. It represents a new generation of highly sustainable PUDs suited for wood coatings and other applications. UnaCoat PUD 80M 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

Appearance	Slightly opaque to translucent
Solid Content, % by weight	~ 30
Viscosity at 25°C, cps (ASTM D 4878, Brookfield)	<100
Sustainable Content (dry film)	70 %
NMP free	

TYPICAL FILM PROPERTIES

Tensile stress at break, psi (ASTM D2370)	8000
Tensile strength at 100%, psi (ASTM D2370)	2100
Elongation at break, % (ASTM D2370)	635

TYPICAL COATING PROPERTIES

Gloss, 60° (ASTM D523)	15
Pencil Scratch Hardness (ASTM D3363)	6H
Pencil Gouge Hardness (ASTM D3363)	8H
Impact Test (ASTM D2794)	No rupture at max height
Taber Abrasion Wear (CS 10, 1000 cycles)	10
Dry Time (2nd degree, ISO 9117-5)	1h

Store unopened containers indoors at temperatures between 45°F and 95°F. If stored as recommended, UnaCoat PUD 80 is stable for 6 months. To ensure consistence, mix prior to use.

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