



FEATURED PRODUCTS

UCECOAT® 6558

Energy Curable Aliphatic Urethane Acrylate Solution for Wood Primers

UCECOAT 6558 is an energy curable aliphatic urethane acrylate aqueous solution for wood primers. It has been developed as a roller coat applied primer for wood and PVC flooring and has good adhesion to a variety of wood types, along with good flexibility, resistance to yellowing, and a desirable visual aspect on wood.

KEY FEATURES & PERFORMANCE (typical properties-not specifications)	APPEARANCE	VISCOSITY cP at 25°C	SOLIDS CONTENT, %	Functionality	DENSITY, g/mL @ 25°C
<ul style="list-style-type: none"> Moderate viscosity Good adhesion Excellent flexibility Resistance to yellowing Good aspect or appearance 	Clear to clouded liquid	< 4500	50	2-3	1.09

Highlights

Enhanced adhesion: Primers made using **UCECOAT 6558** demonstrate excellent adhesion to a variety of wood substrates, especially exotic woods.

Yellowing: Due to the presence of the aliphatic urethane acrylate, primers incorporating **UCECOAT 6558** have excellent resistance to yellowing.

Appearance: **UCECOAT 6558** demonstrates good wood wetting and flow after water evaporation, leading to excellent aspect or appearance (anfeuerung).

Starting Point Formulation

General Formula	Wt. %
UCECOAT 6558	79.0
EBECRYL® 12	19.5
ADDITOL® BCPK	1.5

Film Properties	Result
Viscosity (25°C, cP)	700
Adhesion	5B (best)
Cure speed (mJ/cm²)	250

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