



## FEATURED PRODUCTS

### UCECOAT® 6569

#### Energy Curable Aliphatic Urethane Acrylate Solution for Wood Primers

**UCECOAT 6569** is an energy curable, water dilutable, aliphatic urethane acrylate 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 60°C	SOLIDS CONTENT, %	COLOR (Gardner)	DENSITY, g/mL @ 25°C
<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Light color</li> <li>• Good adhesion and transparency</li> <li>• Excellent flexibility</li> <li>• Resistance to yellowing</li> </ul>	Clear liquid	4000 - 12000	95	2	1.10

#### Highlights

Enhanced adhesion: Primers made using **UCECOAT 6569** demonstrate excellent adhesion to a variety of wood substrates, especially exotic woods.

Yellowing: Primers incorporating **UCECOAT 6569** have excellent resistance to yellowing due to their aliphatic urethane backbone.

Appearance: **UCECOAT 6569** demonstrates good wood wetting and flow after water evaporation, leading to excellent aspect or appearance (anfeuerung).

#### Starting Point Formulation

General Formula	Wt. %
<b>UCECOAT 6569</b>	45.0
<b>EBECRYL® 12</b>	20.0
<b>WATER</b>	33.5
<b>ADDITOL® BCPK</b>	1.5

Film Properties	Result
<b>Viscosity (25°C, cP)</b>	750
<b>Adhesion</b>	5B (best)
<b>Cure speed (mJ/cm<sup>2</sup>)</b>	250

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