



FEATURED PRODUCTS

UCECOAT[®] 7689

Energy Curable Polyurethane Dispersion for Topcoats on Outdoor Wooden Joinery

UCECOAT 7689 is an energy curable polyurethane dispersion (UV-PUD) which is tack free after water evaporation. It has been developed as a topcoat for wood joinery (outdoor) and has superior exterior durability. Its non-irritant nature and low viscosity allow it to be safely applied by either spray or curtain coating.

KEY FEATURES & PERFORMANCE (typical properties-not specifications)	APPEARANCE	VISCOSITY cP at 25°C	SOLIDS CONTENT, %	pH	PARTICLE SIZE, nm	DENSITY, g/mL @ 25°C	MFFT, °C
<ul style="list-style-type: none"> • Low viscosity • Tack free after water evaporation • Excellent exterior durability • High flexibility • Good chemical resistance 	Translucent liquid	< 200	35	7.0 – 8.5	< 100	Approx. 1.0	0

Highlights

Superior weatherability: **UCECOAT 7689** withstands 3000 hours of accelerated weathering with excellent gloss retention.

Film properties: **UCECOAT 7689** provides cured coatings that combine superior outdoor resistance with a high level of chemical and mechanical resistance.

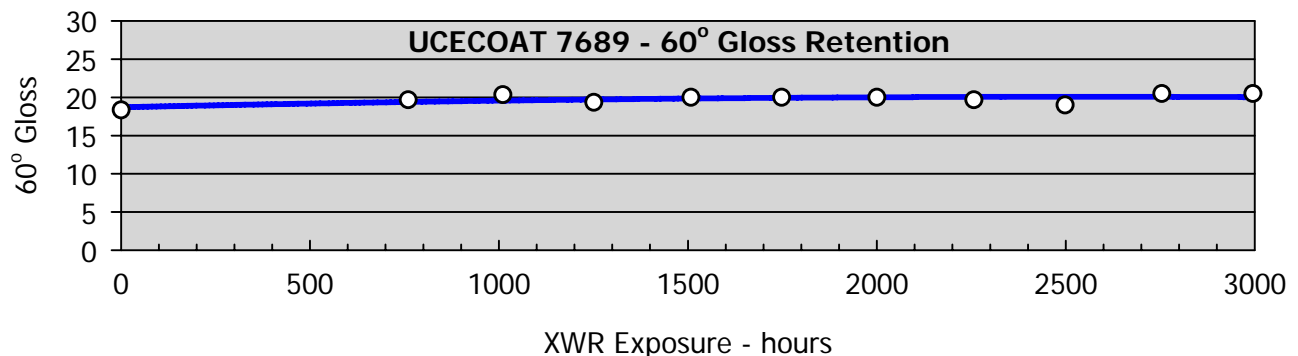
Ease of application: **UCECOAT 7689** is a low viscosity dispersion with good colloidal stability that is easily formulated and sprayed in safe conditions (Xi-free, low VOC).

Starting Point Formulation

General Formula	Parts
UCECOAT 7689	92.5
ACEMATT* TS 100	1.3
AQUAMAT* 208	2.7
ADDITOL[®] BCPK	1.5
ADDITOL VXW 6360⁽¹⁾	2.0

(1) 50% solution in water

* These products are trademarks of their respective companies.



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