



Bayhydro<sup>®</sup> UA 2961

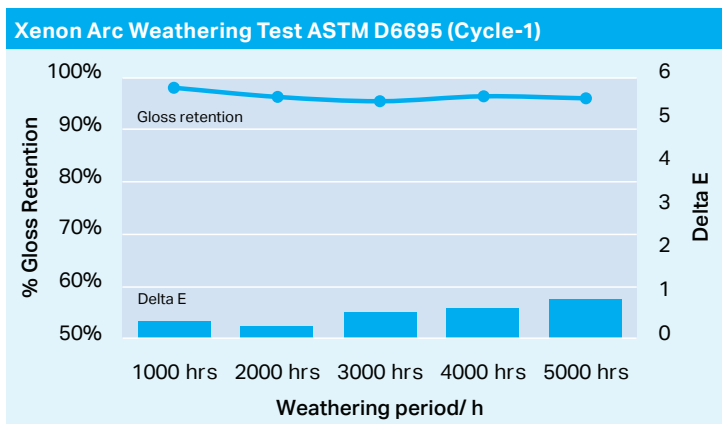
A novel one-component waterborne hybrid  
for building product finishes



A one-component waterborne hybrid dispersion that provides increased productivity, fast hardness development and ease of use. This resin, developed to meet AAMA 615-20 specification, can be formulated at low VOC's.

Bayhydrol® UA 2961	(approximate values)
Solid content [%]	41.5-45
Co-solvent (Form supplied) [%]	0
pH	7.4-8.5
Viscosity [mPa·s]	<100

	Bayhydrol® UA 2961	Benchmark 2K-WB system
Coating system	1K	2K
Pot-life	No	Limited
VOC as formulation	<100 g/L possible	>180 g/L
Early adhesion	Excellent	Poor
Pencil gouge hardness (24 hrs.)	H	HB
Pencil gouge hardness (Full cure)	2H	2H
Detergent resistance (AAMA 615-20)	Pass	Pass



Weathering tests according to ASTM D6695 (Xenon Arc) have shown very good performance in outdoor applications

#### Key requirements for resins of the future:

- **Low VOC**
- **Fast film hardness** development
- **Early scratch resistance**
- Good **adhesion to multiple substrates**
- **High pencil gouge hardness**
- Excellent **chemical resistance**
- **Exceptional weathering** resistance
- **No pot-life** limitation



Adhesion to multiple substrates (vinyl, wood, pretreated aluminum, fiberglass and other plastic substrates)

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