



**Uralac® Easycure**

## Low temperature or fast cure.

Outdoor dry blend matte polyesters.



## Products

### Industrial

**Uralac® P 3213** (4% HAA)  
**Uralac® P 3218** (11% HAA)

### Superdurable

**Uralac® P 3233** (3% HAA)  
**Uralac® P 3238** (8% HAA)

### Architectural

**Uralac® P 3223** (3% HAA)  
**Uralac® P 3228** (8% HAA)

## Markets

General industry, Architectural, ACE.

## Key properties

### Polyesters

Formulation	Uralac® P 3213/ P 3218		Uralac® P 3223/ P 3228		Uralac® P 3233/ P 3238	
	White (PDS)	Brown, Ral 8014	White (PDS)	Brown, Ral 8014	White (PDS)	Blue, Ral 5003
Cure Cycle (total time)	12' 160°C	12' 160°C	12' 160°C	12' 160°C	12' 160°C	12' 160°C
60°Gloss	37	32	38	33	36	33
Gloss stability Temp (160-200°C)	Δ ± 3	Δ ± 2	Δ ± 2	Δ ± 2	Δ ± 2	Δ ± 3
Layer thickness (50-100 μm)	Δ ± 3	Δ ± 3	Δ ± 3	Δ ± 3	Δ ± 3	Δ ± 3
Non-blooming	> 150°C	> 150°C	> 150°C	> 150°C	Yes	Yes
Appearance	Good	Good	Good	Good	Good	Good
Reverse impact, AQT-46	7 Nm	7 Nm	7 Nm	7 Nm	Limited	Limited
Outdoor durability	GI	GI	<ul style="list-style-type: none"> <li>• GSB Florida 1Y</li> <li>• QC class 1</li> <li>• AMAA 2603</li> </ul>	<ul style="list-style-type: none"> <li>• GSB Florida 1Y</li> <li>• QC class 1</li> <li>• AMAA 2603</li> </ul>	<ul style="list-style-type: none"> <li>• GSB Florida 3Y</li> <li>• QC class 2</li> <li>• AMAA 2604</li> </ul>	<ul style="list-style-type: none"> <li>• GSB Florida 3Y</li> <li>• QC class 2</li> <li>• AMAA 2604</li> </ul>
Storage stability 4wks	35°C	35°C	40°C	40°C	40°C	40°C
Blanching resistance	NA	++	NA	++	NA	++++

## Value proposition

Enabling cost savings and reduced carbon foot print\* by increased production speed and/or energy savings in combination with good coating properties.

## Coating chemistry

Carboxylated polyester for curing with TGIC (triglycidyl isocyanurate), HAA (β-Hydroxyalkylamine) or epoxy resins.

\* **Uralac® Easycure** Dry Blend Matte Outdoor and its impact on a reduction of carbon footprint in powder coating formulations has been measured in LCA study conducted by Covestro (For more info: [www.covestro.com](http://www.covestro.com))



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<sup>1</sup>Please see the "Guidance on Use of Covestro Products in a Medical Application" document.  
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