



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)	$\Delta \pm 3$	$\Delta \pm 2$	$\Delta \pm 2$	$\Delta \pm 2$	$\Delta \pm 2$	$\Delta \pm 3$
Layer thickness (50-100 mμ)	$\Delta \pm 3$	$\Delta \pm 3$	$\Delta \pm 3$	$\Delta \pm 3$	$\Delta \pm 3$	$\Delta \pm 3$
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	• GSB Florida 1Y • QC class 1 • AMAA 2603	• GSB Florida 1Y • QC class 1 • AMAA 2603	• GSB Florida 3Y • QC class 2 • AMAA 2604	• GSB Florida 3Y • QC class 2 • AMAA 2604
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)



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¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document.
Edition: August 2021 · Printed in Germany