



# One shot matte, isocyanate systems.

Outdoor polyesters.

Uralac®



# Uralac® One shot matte isocyanate



## Products

### Industrial

**Uralac® P 1425** (OHV=290)

**Uralac® P 1475** (OHV=43)

### Superdurable

**Uralac® P 1625** (OHV=290)

**Uralac® P 1675** (OHV=30)



## Value proposition

A polyester combination, providing a one shot matte reproducible low gloss coating, suitable for heat transfer applications.



## Markets

Heat sublimation (heat transfer), Architectural, exterior furniture, exterior trimparts, domestic appliance & general industry.



## Coating chemistry

Hydroxylated polyesters for curing with internally blocked as well as  $\epsilon$ -capped blocked isocyanates.



## Key properties

- Good flow and good flexibility
- Perfect paper release
- Excellent reproducibility
- Excellent physical properties
- Good hardness and relatively good scratch resistance
- Good chemical and solvent resistance

### Polyesters

Formulation (PDS)	Uralac® P 1425/P 1475	Uralac® P 1625/P 1675
	White	White
Cure Cycle (total time)	10' 200°C	10' 200°C
60° Gloss (NCO internally blocked)	7–12	3–15
60° Gloss (NCO $\epsilon$ -capped)	5–35	3–40
Reverse impact, AQT-46	7 Nm	Limited

**Note:** Gloss variations achievable due to formulation 'freedom': By varying the resin ratio's high OH- and low OH-value, by using different NCO types or by changing the fillers and additives.



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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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