

## ECORYL APC-4000

**Ecoryl APC-4000** is a med-soft, anionic polymerizate binder based on acrylic copolymer. Mainly used in the general plated resin finishes as a binder for the bottom & the intermediate coats.

### Typical properties

<b>Appearance</b>	:	Bluish transparent aqueous dispersion
<b>Type of reaction</b>	:	Anionic
<b>Dry contents (%)</b>	:	$38 \pm 2$
<b>pH (1:10)</b>	:	$7.5 \pm 0.5$
<b>Specific gravity</b>	:	1.08
<b>Viscosity</b>	:	22 sec (as measured by Ford Cup/4 at 30°C)
<b>Electrolyte stability</b>	:	Very good
<b>Solvent tolerance</b>	:	Very good
<b>Compatibility</b>	:	<b>Ecoryl APC-4000</b> is compatible with all anionic as well as nonionic finishing products and can be combined at any proportion.
<b>Thickening with ammonia:</b>		Slight thickening
<b>Residual free monomer</b>	:	Nil
<b>Freeze-Thaw Stability</b>	:	Best at -10 to 25°C
<b>Storage stability</b>	:	At least 180 days

## **Properties of the film**

<b>Appearance</b>	: Colorless
<b>Nature</b>	: Medium soft
<b>Elasticity</b>	: Good
<b>Tackiness</b>	: Non tacky
<b>Resistance to water spotting.</b>	: Good
<b>Resistance to oil / solvent spotting</b>	: Fair
<b>Cold crack resistance</b>	: -18°C
<b>Stability to ageing</b>	: Very good

## **Salient features**

- **Ecoryl APC-4000** is a bluish transparent med-soft binder based on functional acrylic copolymer mainly used for general plated resin finishes.
- **Ecoryl APC-4000** has low tack with fine particle size to promote sufficient penetration to promote excellent adhesion properties.
- **Ecoryl APC-4000** has excellent surface build up & surface evenness.
- It has outstanding flow properties that allows the prefect application by padding, air or airless spraying as well as the surface coating machine's.
- **Ecoryl APC-4000** has a very elastic nature & excellent toughness.
- It has excellent cold crack resistance.
- It has wet rub fastness.
- **Ecoryl APC-4000** can be used in the finishing of harder leather.
- **Ecoryl APC-4000** has good stability toward electrolyte.

(without warranty)

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For more details please contact:

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