

Orco Synthrowite CAB-2™

Orco Synthrowite CAB-2™ is an economical brilliant white, slightly blue cast, fluorescent optical whitener recommended for application on all types of acrylic and modacrylic fibers. **Orco Synthrowite CAB-2™** is recommended for brightening of acrylics whether alone or in conjunction with sodium chlorite.

Physical Properties

Chemical Nature	Benzimidazole
Appearance	Clear Amber Liquid
Ionic Nature	Cationic
Solubility	Miscible with water
Shade	Blue white

Application

Exhaust - Regular white

Set bath cold and add:

- **Orconol CHSA Conc™** 1.00% on weight of fabric(owf)
- **Orco Ferrosol PT 500™** 0.50% owf
- **Orco Synthrowite CAB-2™** 0.50-6.00% owf
- Acetic Acid 56% pH of 4.0-5.0

Circulate bath for 5 minutes, raise temperature 1.5–2.0°F/minute to 170°F and hold for 5-10 minutes.

Raise temperature to 212°F for acrylic; lower for modacrylic.

Hold for 60 minutes, cool rinse, drain, and soften as desired.

Exhaust - One Bath Bleach and Brighten

Set bath cold and add:

- **Orconol CHSA Conc™** 1.00% owf
- Sodium Chlorite 3.00% owf
- Sodium Nitrate 3.00% owf
- Oxalic Acid 2.00% owf
- **Orco Synthrowite CAB-2™** 0.50 – 6.00% owf

Run 5–10 minutes and raise temperature 212°F for acrylic and lower temperatures for modacrylics and hold for 60 minutes.

Cool rinse and drain.

Antichlor with 2.00% Sodium Bisulfite on weight of goods.

Raise temperature to 140°F, hold for 20 minutes, cool rinse well, and drain.