

24 % Zirconium Hex-Cem[®]

Zirconium drier for solvent-based systems

Physical Characteristics

Appearance	Clear liquid
Metal content	Zr: 23.80 - 24.20 %
Non-volatile content	80.00 - 90.00 % ASTM D 1644
Viscosity	A-5 to Z ASTM D 2373
Specific gravity	1.250 - 1.290 (25°C) ASTM D 1963
Density	NA

Features

- Highly efficient secondary drier
- Promotes through-drying properties and is used in combination with cobalt, manganese, Borch[®] OXY-Coat and other surface driers
- Improves through dry in oxidatively cured coatings primarily by the formation of coordinative bonds when hydroxyl and carboxyl groups are present
- In comparison to other secondary driers, zirconium has better properties in terms of color, yellowing and stability

Applications

- Oxidatively cured solvent-based systems, including:
 - Architectural paints
 - Industrial coatings
 - Stains

Dosage

In conventional alkyd formulations, the Zirconium drier addition is between 0.05 - 0.30 % metal based on the vehicle solids of the coating and will vary depending upon the composition of the binder.

Storage

Protect from the effects of weathering and store at temperatures below 50 °C. Once opened, containers should be resealed immediately after each use.

Safety

Please refer to our safety data sheet for information relating to product safety.

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