

TECHNICAL BRIEF

DRICAT® 2700F SERIES

New Metal Carboxylate Technology for the Oxidative Drying of Alkyd Based Coatings, Inks and UPR.

When **DriCAT® 2700F** series are balanced with the other driers an improved control of the drying process gives coatings with:

- Longer wet edge
- Exceptional whiteness
- Superior long term color retention
- Improved loss of dry
- Better gloss control
- Better hardness development
- Better durability

For Solvent based systems

DriCAT® 2700F – Manganese based

DriCAT® 2710F – Iron based

DriCAT® 2720F – Manganese/ Iron blend

Combine with **Duroct®** Calcium range and **Duroct®** Zirconium or Strontium or Cerium ranges.

For Water based systems

DriCAT® 2705FW – Manganese based

DriCAT® 2715FW – Iron based

DriCAT® 2725FW – Manganese/Iron blend

Combine with **Duroct® Lithium 2% NDA** and **Duroct® Zirconium WR** range

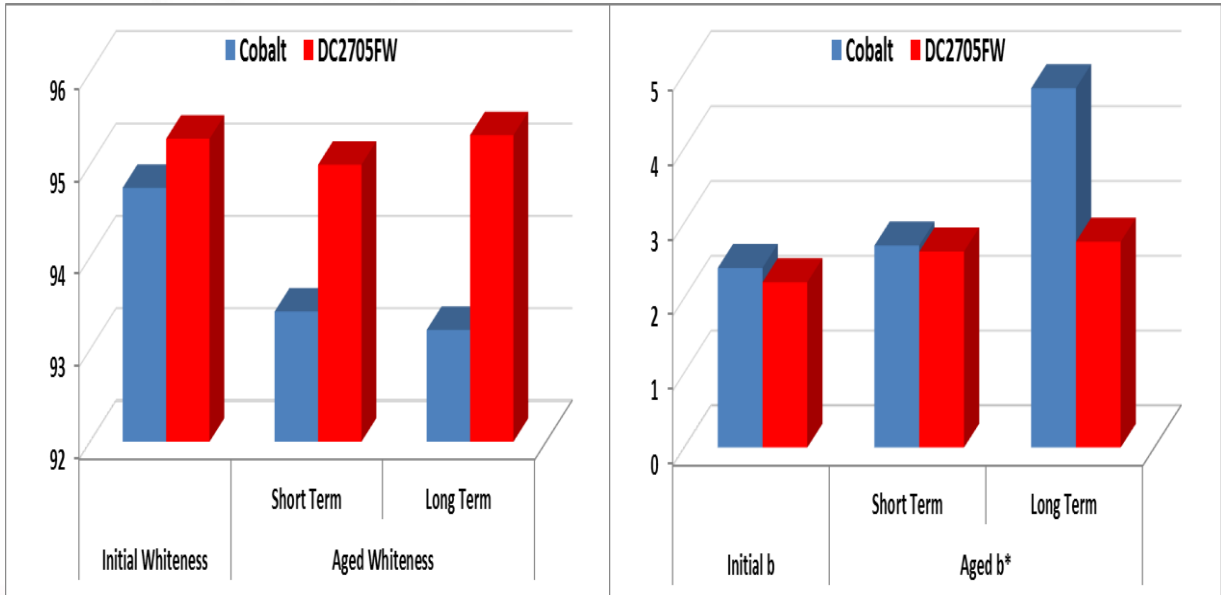
- The DriCAT® 2700F series redox cycle between Mn(II) and Mn(III), and Fe(II) and Fe(III) is very fast.
- This gives the higher activity.
- The recorded improved yellowing is because of increased cross-link density, this also gives better hardness and durability.
- The low manganese and/or iron carboxylate concentration means less discoloration.

Cobalt Toxicity / Legislation

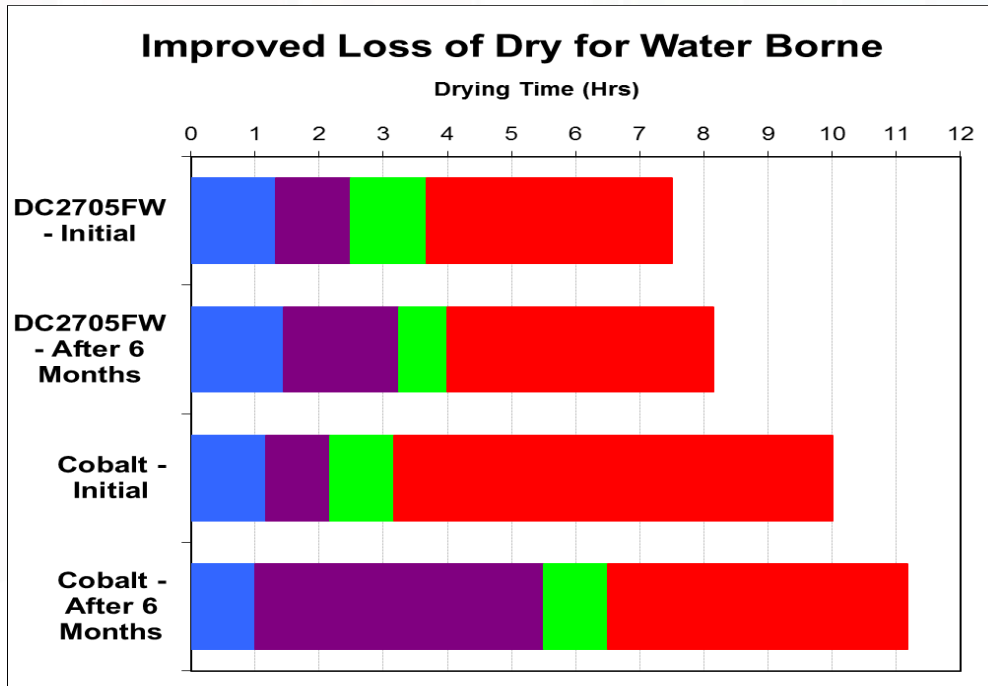
Members of the Cobalt REACH Consortium in Europe have agreed to the self-classification of the following cobalt substances: ***Cobalt, Cobalt propionate, Cobalt bis-2-ethylhexanoate, Cobalt borate neodecanoate, Cobalt neodecanoate, Cobalt naphthenate and Cobalt (II) 4-oxopent-2-en-2-olate. as Repro Tox Cat. 2 (H361) (CLP).*** This change in classification resulted in the addition of the H361 risk phrase and new pictogram on the material safety data sheets (MSDS) and labels for those products containing $\geq 3\%$ of these substances.

DriCAT® 2705FW - Superior Long Term Performance In Waterborne Coatings

Improved whiteness and reduced yellowing over short- and long-term ageing of waterborne coatings



Superior long-term drying performance retained on storage



DriCAT® 2700F - Superior Long-Term Performance In Solventborne Coatings

