

TECHNICAL BRIEF

DRIERS FOR COATINGS TROUBLESHOOTER



	Use Duroct Cobalt 21 or Durastab LF	Use Duroct Calcium Driers at grinding stage	Use Duroct Iron Driers (dark colours only)	Reduce or Eliminate Manganese Drier	Add Duroct Zinc drier	Increase Duroct Cobalt drier by 5 - 10%	Reduce Cobalt drier 10 - 20%	Use Duroct Cerium drier	Use XL-Dri	Use Duroct Manganese drier	Add Durasperse 57 to grind	Use Duroct Zirconium, Neodymium or Cerium drier	Use Duroct WR range of driers	Reduce Calcium drier	Use MEKO #2	Increase Duroct Calcium Drier Level	Increase Duroct Zirconium, Neodymium or Cerium Level	Replace Calcium with Barium drier	Use Duroct Lithium drier	Replace Cobalt with DriCAT 2700F or DriCAT 2705FW	Seek Guidance from Technical Contact	
To Reduce Loss of Dry	■	■	■		■	■		■					■								■	To Reduce Loss of Dry
To Reduce Surface Wrinkling				■	■	■	■	■						■			■				■	To Reduce Surface Wrinkling
To Speed Up Surface Dry		■				■		■					■								■	To Speed UP Surface Dry
To Speed Up Through Dry						■		■				■	■				■				■	To Speed Up Through Dry
To Reduce Yellowing				■		■	■	■													■	To Reduce Yellowing
To Reduce Skinning				■		■	■	■							■						■	To Reduce Skinning
To Improve Low Temperature Cure		■	■			■		■	■				■				■		■		■	To Improve Low Temperature Cure
To Reduce After Tack		■	■			■		■	■	■			■								■	To Reduce After Tack
To Reduce Drier Hydrolysis						■		■	■				■								■	To Reduce Drier Hydrolysis
To Decrease Viscosity		■			■	■		■			■		■								■	Decrease Viscosity
Increase Pigment Load (Pigment Dispersion)	■	■			■	■		■			■	■	■								■	Increase Pigment Load
To Improve Gloss		■	■		■	■		■			■	■	■				■				■	To Improve Gloss
To Reduce Film Tack						■		■		■											■	To Reduce Film Tack
To Reduce Blooming																■					■	To Reduce Blooming
To Improve Colour Retention				■	■			■													■	To Improve Colour Retention
To Improve Poor Drying In High Humidity								■	■									■	■	■	■	To Improve Poor Drying In High Humidity
To Improve Film Hardness				■								■									■	To Improve Film Hardness
To Improve Coating Water Resistance																		■			■	To Improve Coating Water Resistance
To Reduce Dust Entrapment						■															■	To Reduce Dust Entrapment
To Reduce Film Brittleness							■														■	To Reduce Film Brittleness
Cobalt Replacement																				■	■	Cobalt Replacement