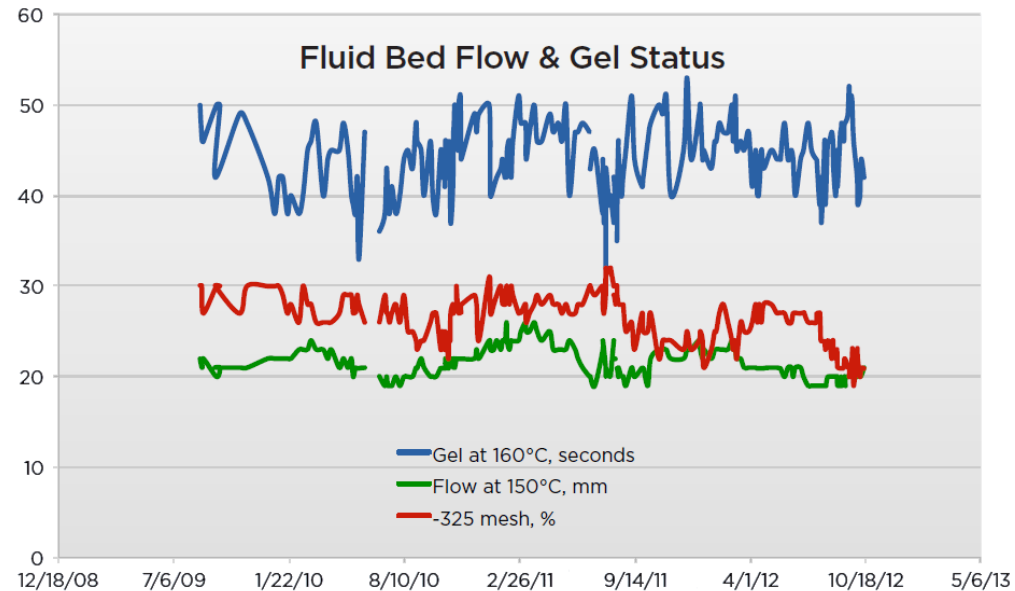


## SolEpoxy DK15-0907 Red & DK15-0606 Tan

The “One Powder Solution” Epoxy Coating Powder for Low and Medium Voltage Busbars (up to 38kV)





## Thick, Uniform Coating

Applies a thick, uniform coating in excess of 5mm – key to the insulation of medium voltage bus bars

## Productivity Support

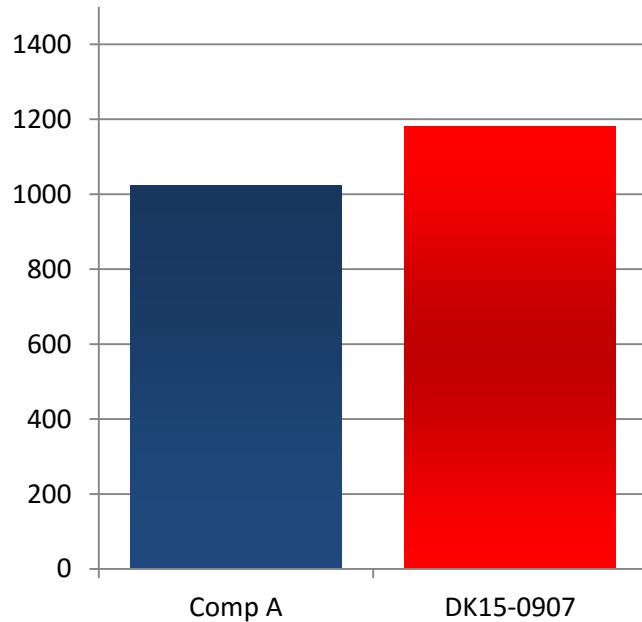
Provides productivity support and bed-life extenders

# Product Advantage – A strong candidate for high RTI

*DK15-0907 RED has excellent initial breakdown voltage*

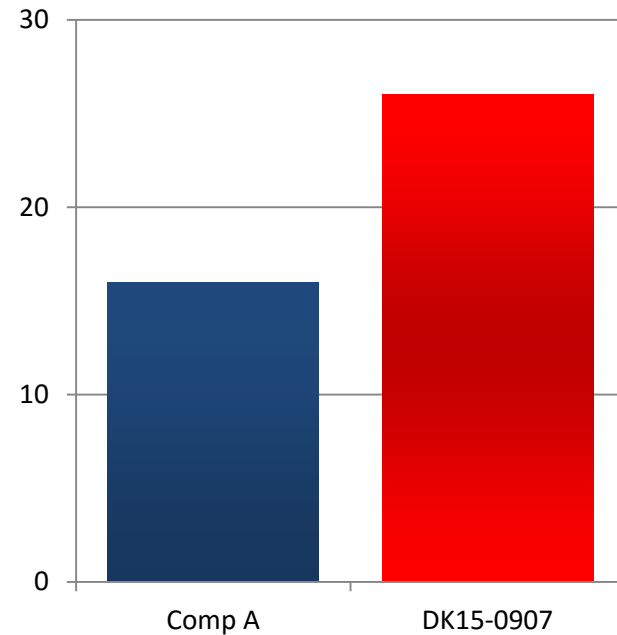


## High Dielectric Strength



Higher **dielectric strength** makes thinner coating possible

## Initial Breakdown Voltage



The RTI test is run at **75% of initial breakdown voltage** which means that DK15-0907 was more rigorously tested than Valspar

# Which is the better powder?

SolEpoxy DK15-0907 vs Competitor: Data from RTI Testing



Material Properties	SolEpoxy DK15-0907	Competitor A
Initial Dielectric Strength, V/mil	1293 (27% better)	1022
Initial Breakdown Voltage (Aluminum), kV	26 (63% higher)	16
Voltage of RTI test, kV (75% of Breakdown Voltage)	19.5 (so...63% more demanding)	12
Lifetime , hours		
@160C	6,600* (+77%) !!	3,731
@170C	3,308 (+291%)	845
@180C	2,376 (+458%)	426
@190C	1,810 (+544%)	281
@200C	1,080 (+543%)	168
@210C	502 (+286%)	130
@220C	777 (+727%)	94
	*Tests are still ongoing!!	

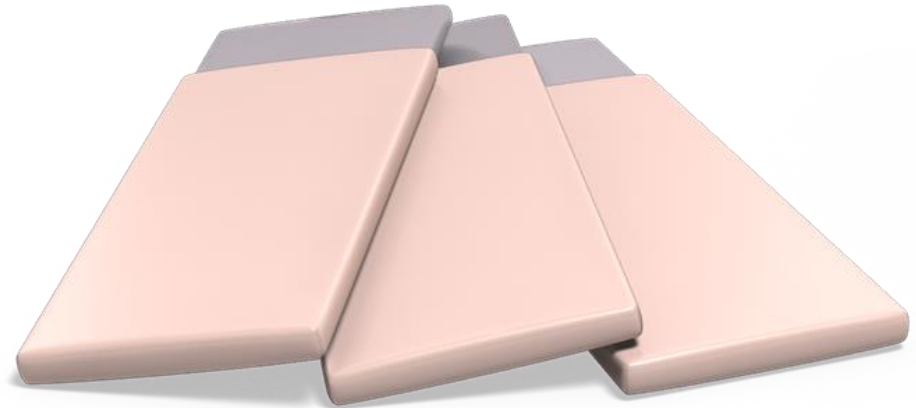
DK15-0907 on  
Copper & Aluminum Bars



## Copper & Aluminum

Great adhesion to copper and aluminum  
busbar applications

DK15-0606 Tan on  
Aluminum Bars



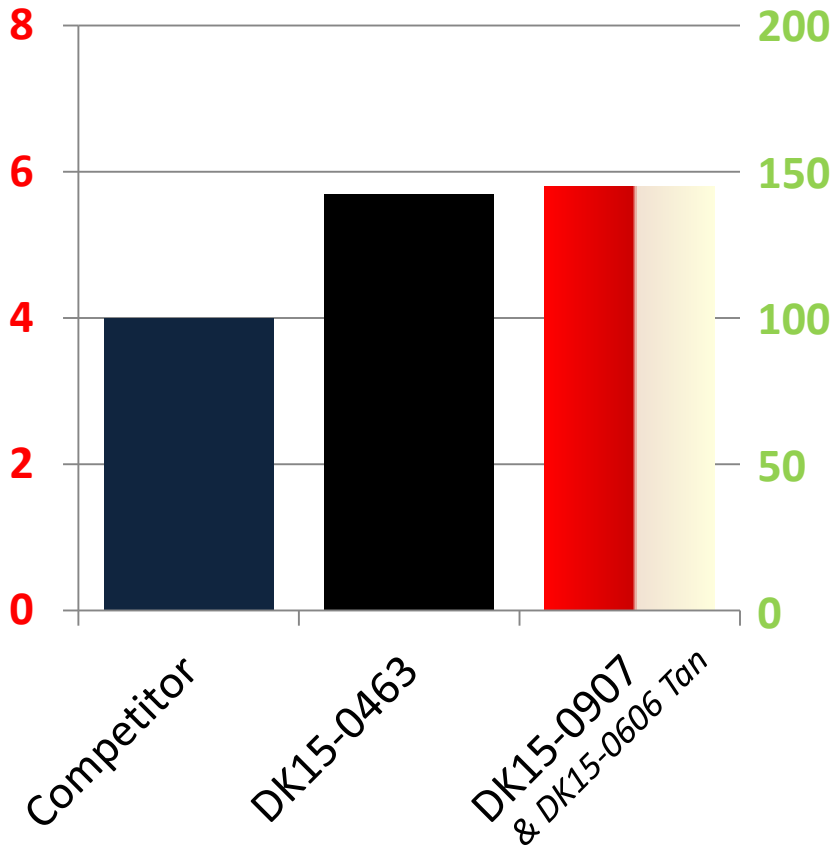
## Smooth Finish

Smooth finish – no sagging – especially  
important for medium voltage coating  
applications

# Product Advantage DK15-0907 Red & DK15-0606 Tan



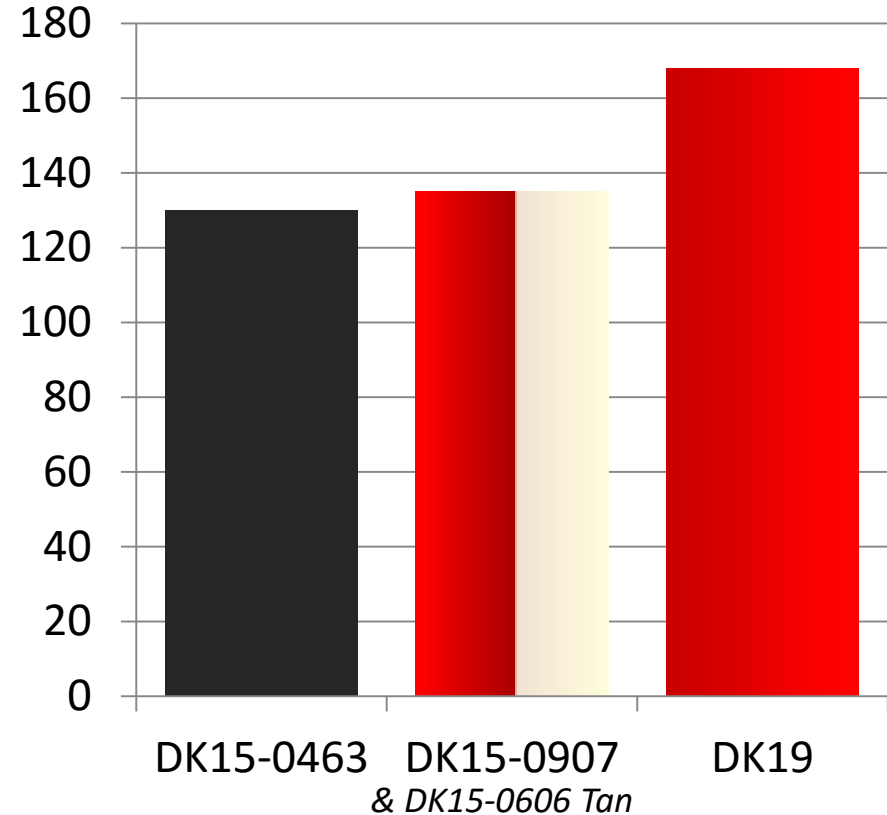
**Build Rate @ 180°C, in mils/sec**  
**Build Rate @ 180°C, in micron/sec**



## High Build Rate

Higher productivity yields, by building faster with fewer dips

**Arc Resistance in seconds**



## Higher Arc Resistance

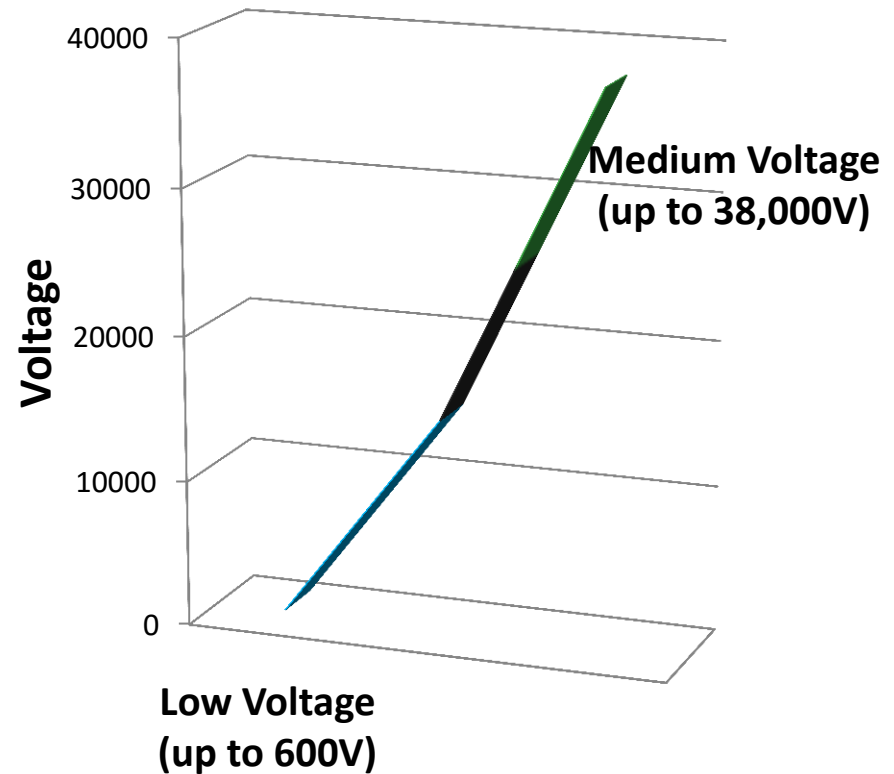
Better protection for operating and maintenance personnel from dangerous arcing faults.

# Performance Advantage SolEpoxy DK15-0907



## Productivity

Fine grinds and fluidizing agents to extend bed life and productivity



## One Powder Solution

DK15-0907 Red & DK15-0606 Tan are both “one-powder solution” that works on both low voltage and medium voltage busbars



## Productivity

Fine grinds and fluidizing agents to extend  
bed life and productivity

### DK15-0907 Concentrate

To extend bed life productivity  
*Typically used in a 1:1,000 ratio*

### DK15-0907 Fine Grind

To extend bed life productivity  
*Typically used in a 1:1,000 ratio*