

# Enhanced stock removal

## SUCCESS STORY



### TECHNICAL PROFILE

ASK Chemicals has developed a water-based phenolic resin REZIANCE RI-1185 that does not interfere or interact with the commonly-used additives in supersizer mixes.

Grade	REZIANCE RI-1185
Viscosity (CP)	500-900
Solids	78-82
Water tol. (%)	60-1000

### STARTING POINT & CHALLENGE

Stock removal is a common performance criterion for coated abrasives such as flap discs and heavy-duty belts. By improving the stock removal efficiency, the user can realize cost savings in grinding operations.

### SOLUTION

ASK Chemicals recommends the use of a supersizer coating as an additional topcoat over the size coat. Independent testing on flap discs has indicated a 100% improvement in stock removal. Ground substrates can range from soft surfaces such as painted cement, or soft metal such as mild steel, or hard metal such as stainless steel or tungsten carbide. With REZIANCE resins, ASK Chemicals' technical experts offer matching solutions to specific surface qualities for improved/minimum stock removal. Recommended supersize mixes can be formulated to have an anti-block effect for powdery surfaces, or a cooling effect for soft metals, or a corrosive effect for hard metals.

### BENEFITS AT A GLANCE

#### Total cost of ownership

- Improved productivity and cost savings thanks to improved stock removal
- Tailored performance of the coated abrasive – anti-block, cooling or corrosive effect

