

ECOAT SOLUTIONS

PRODUCT INFORMATION

ECS 1670

NON-STICK NANO-CERAMIC INDUSTRIAL BLADE COATING (BASECOAT)

ECS 1670 is a high performance, single component coating specifically designed to protect and revitalize industrial blades. It creates a thin, incredibly durable ceramic protective layer on cutting surfaces. It revitalizes cutting surfaces by smoothing out imperfections caused by past corrosion pitting, uneven abrasion wear and general wear & tear. This creates a sharper, more efficient cutting surface. Secondly, the ceramic surface coating will protect the blade from future damage. The overall result is a sharper, more efficient cutting tool that performs better, lasts longer, and requires less maintenance. ECS 1670 is easily applied by wipe in ambient conditions

Key Performance Properties

- Smoothens rough blade surfaces & reduces friction for maximum cutting performance
- Protects cutting edges from erosion and corrosion, thereby reducing maintenance and downtime
- Increase usable life of cutting equipment
- Creates a covalent bond to the substrate giving it an intrinsic bond to the cutting blade for maximum long-term durability
- Contains no "free silicones" to contaminate finished products
- Clear finish
- Thin application
- Excellent coverage rate
- Easily applied by wiping
- Ambient cure, short dry time
- Environmentally friendly. VOC exempt.
- RoHS and REACH compliant

Common Applications

Any type of industrial cutting blade, slitter, knife, razor, shear, etc.



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