

ECOAT SOLUTIONS

PRODUCT INFORMATION

ECS 2600

NANO-CERAMIC INDUSTRIAL MOLD RELEASE COATING

ECS 2600 Industrial Mold Release coating revolutionizes composites manufacturing. It maximizes ROI via a simple to apply coating that improves both the efficiency and longevity of molds. It results in faster cycle times due to easier release. ECS 2600 drives more cycles without cleaning or re-coating. No free silicones means no contamination of molded components. ECS 2600 works with all common high temperature resin systems and all common industrial-molding technologies.

Key Performance Properties

- High performance single component mold release film.
- Easy application. Wiped on and ambient air cured.
- Creates a covalent bond to the substrate giving it an intrinsic bond to the mold.
- Inert (benign) material.
- Excellent release properties with all common high temperature cured resin systems (e.g. epoxy, BMI, polyurethane, and polyimide).
- Very low transfer (contamination) to the molded part. No free silicones.
- Excels ECS releasing difficult substrates from complex mold geometries.
- High suitability for no rubber-to-metal bonding.
- Low levels of in-mold build-up/fouling.
- Many releases (high durability) between applications.
- Applicable to all common molding processes.
- High temperature resistance.
- Black light tracer available to ensure 100% coverage.

Common Applications

- All common molding and composite manufacturing processes



ECOAT LLC – 12055 41ST AVENUE NORTH # 218, PLYMOUTH, MINNESOTA 55441
INFO@ECO-COATSOLUTIONS.COM – 612.314.3999 – WWW.ECO-COATSOLUTIONS.COM

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