



REYMOND EA

Extrusion Aid

Performance Additive for the Brick Industry

Reymond Products International Inc., along with our industrial partner Solae, LLC, introduces the next generation of performance brick additive. Through research efforts resulting in product improvements, the next generation of soy-based lubricant for use as an extrusion aid is announced.

Reymond EA is a 100% natural, biodegradable lubricant that has proven to provide benefits at multiple points in the brick manufacturing process.

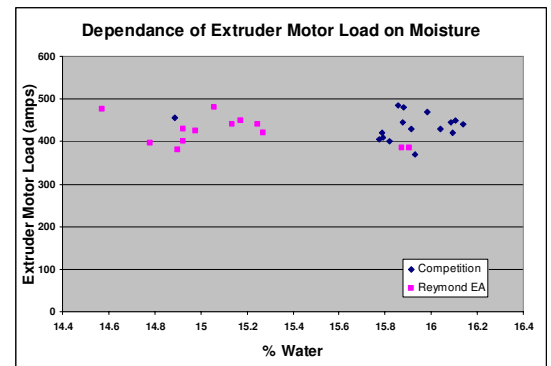
Reymond EA functions by providing unsurpassed lubrication performance in the feed mix, allowing lower required moisture, and decreased power consumption, at the extruder.

As shown below, a recent production run at a brick plant, under constant motor load conditions, the amount of moisture required was reduced from 16% to 15%. Data from the same production run showed that the changes made with Reymond EA resulted in increased column firmness of about 10%, measured via penetrometer.

What Can You Do With This Performance Additive?

At over a dozen manufacturing facilities now running **Reymond EA**, improving the lubricity of the feed mix is providing:

- faster extrusion speeds (up to 15%)
- longer auger life (up to 40% increase)
- improved green strength (especially in tumbled, simulated tumble and utility brick)
- increase column firmness.



Because of the lower inclusion rate of **Reymond EA** versus other additives (up to 80% less material than the most common additive), raw material savings can be expected from a reduction in volume usage and reduced shipping costs.

Latest feedback from current customers, as well as confirming studies at the National Brick Research Center, showed that **Reymond EA** will not promote efflorescence and/or impact the C/B absorption ratio.

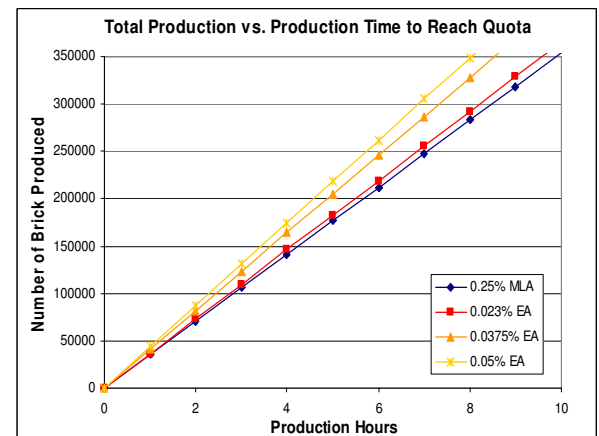
Increases in green strength can result in improved yield (cleaner cuts, easier setting, stronger stacks, and reduced cracking) in several types of bricks when compared to those made with other additives.

Producers can take advantage of these benefits in a few ways:

Reymond EA can provide customers the ability to increase the rate of brick production by up to 15%. If increased production is not possible,

Reymond EA allows the flexibility to produce the same amount of brick in less time, which can result in reduced labor and energy costs.

There are a number of ways the benefits of **Reymond EA** can add to the bottom line of a brick plant.



For more information, or to schedule a trial, please contact us at **330-339-3583** or email: rpil@reymondproducts.com.

MULTIPLE PERFORMANCE IMPROVEMENT OPPORTUNITIES —

COST SAVINGS —
 Reduced Raw Material costs
 In-Use Energy Savings
 Potential Labor Cost Savings

MACHINE EFFICIENCY —
 Reduced Motor Load/Amps
 Extended Auger Life

PRODUCTIVITY IMPROVEMENTS —
 Lower Required Moisture
 Increased Extrusion Speed

BETTER FINISHED QUALITY —
 Improved Green Strength
 No Efflorescence
 Increase Brick Yield

ENVIRONMENTAL FRIENDLINESS —
 Soybean-Based
 Biodegradable
 No Additional Sulfur Emissions

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