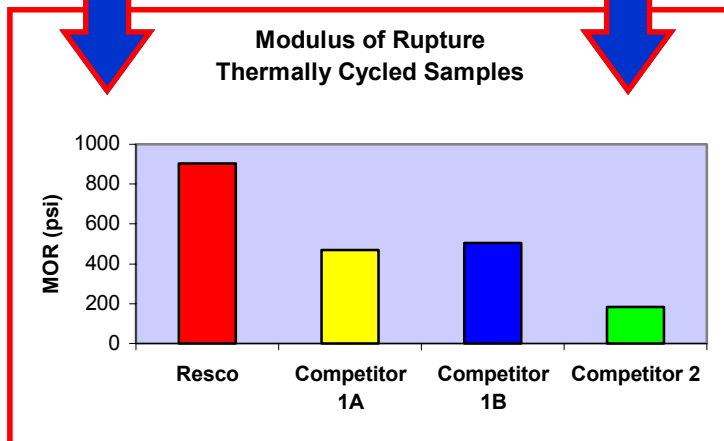
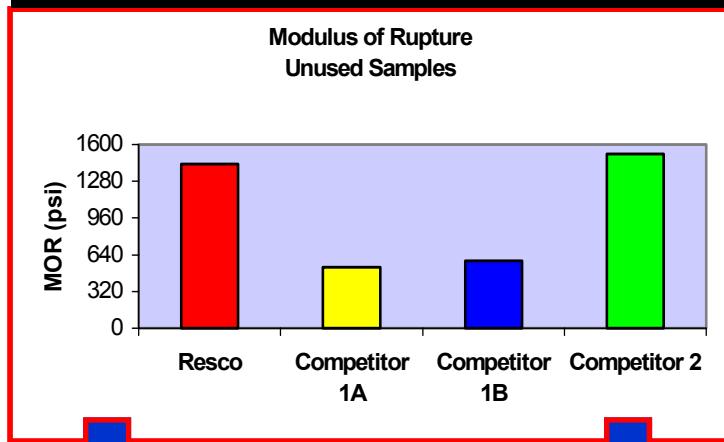
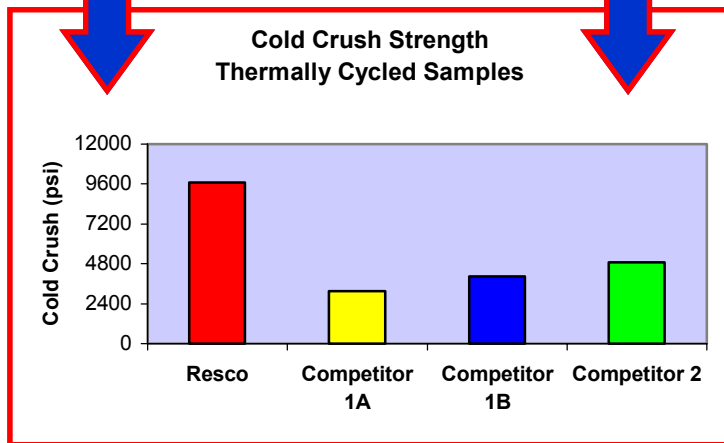
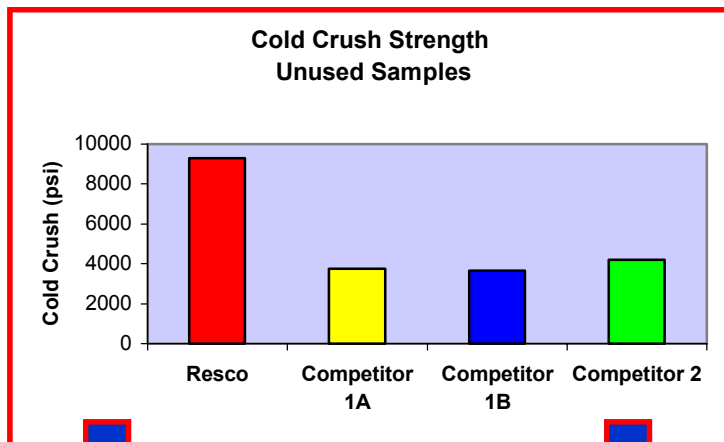


You Can't Judge a 'Block' by its Cover

I'm sure everyone's heard the old saying "You Can't Judge A Book By It's Cover." Well the saying could also be applied to cartop blocks. Performance in brick plant service can seldom be measured by outward appearance. Many comments have been made concerning the appearance of one company's block versus a competitor's. Most first impressions favor the more aesthetically appealing block. So we decided to see just how well these "good looking" block would hold up after thermal cycling through the kiln.

Brick Plants volunteered to supply unused samples of block from various competitors. Next, we sawed out ASTM samples for MOR and Cold Crush testing. We set aside half of each sample to be tested in the "as received" category. The other half of each set was subjected to lab Cyclic Thermal Shock Testing to simulate service conditions. Each sample is placed in the kiln and heated to 2250°F (1232°C) and then cooled back to room temperature. This process is repeated six times. Finally the "shocked" and "unshocked" samples were sent to the **National Brick Research Center at Clemson University** to be independently tested for MOR and Cold Crush. The test results were **SHOCKING!** If you are already using Resco/PACO blocks, Congratulations! If you need extended life, you may want to consider the benefits of extruded PACO Mixes.



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Remember the **REDART!!**

Resco is more than Cartop Block and Castables! Don't forget about our extensive lines of Clays and Minerals, such as our widely used **REDART** and **GOLDART** clay lines.

REDART

- ✓ Unique Color
- ✓ Wets Quickly for Easy Coatability



GOLDART

- ✓ Consistent Color
- ✓ Generous Firing Range

REDART & GOLDART are product lines from our Oak Hill, OH Plant, better known as Cedar Heights Clay. The consistent color and characteristics of **REDART** have made it an essential staple in the "recipe book" for many terrific brick plant product lines. Resco also has mineral products and raw materials that will be reviewed in future issues of **BLOCK TALK**. Many of these other products have applications in the Brick Industry. Call the Resco Sales Team today to learn more about what else we can do for you!



Sawing & Grinding Capabilities Coupled with QA Improvements Yield Better Block for You!

Resco has increased its sawing and grinding capabilities, allowing us to meet tighter dimensional tolerances. Our new conveyor saw is more consistent and also functions as a grinder.



At RESCO we take quality seriously, and we are constantly trying to improve so that we continue to meet the demands of the industry.



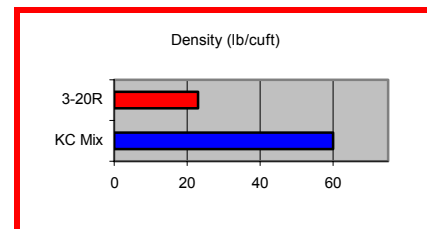
Cole's Corner



I would like to take this opportunity to go over some tried and true fundamentals of kiln cars. While in the field I have noticed many people using only one castable throughout their entire car. While this is easier from several points (building, ordering, inventory), it is not the best thing for your cars.

When building a kiln car, there are 2 main types of castable I would suggest. For the base of your car, you need a strong castable with good insulating properties. For this application we have KC Mix. When used properly, KC Mix will give you a good, strong, level base upon which you can build your cars. As you move up in the car, insulation becomes more important than strength. Typically the castable around the piers, within the perimeter level, is non-load bearing. Our Rescocast 3-20R is an even better insulator for this non-load bearing application. At 23 lb/ft³ it is much lighter than the 60 lb/ft³ KC Mix.

Is easing construction or inventory worth increasing the weight of your car?



Reducing the weight of your car could be as simple as utilizing Rescocast 3-20R in the proper place.

Until next time!

(cole.sadler@rescoproducts.com)