

## Teach an Old Brick

### a New Trick!

Looking for new brick styles? Resco has a wide variety of clays and minerals that can be used in countless combinations to create new colors and textures. The minerals are mined and processed at our Hillsborough, NC location. The highly refractory nature of the angular Andalusite and Pyrophyllite minerals can allow for interesting surface effects in commercial & residential brick brands.



Alkatrol



Pyrofrac 2024



REDART

### Variety is the Spice of Life!

Resco's Cedar Heights Clay Plant in Oak Hill, OH is a household name in the art clay industry. Our clays, such as **REDART** and **GOLDART** have been known for decades due to their unique color and mixing consistency. **REDART** and **GOLDART** both offer a generous firing range with dramatic possibilities for coloration.



GOLDART



Roseville

### See It! Feel It! TRY IT!

In order to give you a better idea of what we have and what it looks and feels like, we have equipped your Field Service Representatives with sample kits. Their sample kits contain a good cross-section of our available clays and minerals. They contain both a fired and an unfired sample of each. Don't be shy, keep a jar or two! If you like them, let us know and we'll be sure to get you a larger sample to further explore the possibilities.

Without giving away any trade secrets, we will say many customers mix our products to produce a unique brick. So let us know what interests you and we'll get your samples to you!



Pyrofrac 1004



# MIX It Up!

## ACerS—Charlotte, NC

If you attended this year's Structural Clay Products Division meeting, you will recall that the topic of my presentation was **Mix It Up!** If you missed it, this article will give you another chance to learn about your various mix options. As many of you are probably aware, Resco has several different mixes for CarTop block. However, you may not be as familiar with the applications of the various mixes.

More than likely, you are familiar with **PACO #18 Mix** and **PACO #19 Mix**. They are our most commonly extruded mixes. **#18 Mix** is generally used in perimeter shapes, I-Beams, solid shapes and piers.

This mix is normally used for thick walled block (1-1/4" and up). Used in thinly walled-block, the finer Particle Size Distribution of **#19 Mix** offers a higher strength for blocks that generally see more abuse, such as deck block and sub-deck block.

Another common mix is **#20 Mix**, which is used almost exclusively for posts. As we specialize the use of block mixes, we find still more applications. For tunnel slabs, **#10** or **#14 Mix** may be appropriate. Customers experiencing higher temperatures or thermal shock problems, could benefit from **#35 Mix**. **#40 Mix** could prove useful for special chemical atmospheres or temperatures that exceed 2350°F.

	#10 Mix	#14 Mix	#18 Mix	#19 Mix	#20 Mix	#35 Mix	#40 Mix
<b>PCE</b>	27	26	23	23	20	26-27	31-31.5
<b>MOR (psi)</b>	800 to 1,200	800 to 1,000	800 to 1,050	1,050 to 1,300	800 to 1,100	1,000 to 1,500	1,400 to 1,800
<b>CCS (psi)</b>	2,400 to 3,500	2,500 to 3,500	3,500 to 5,500	6,000 to 9,000	2,800 to 4,000	4,500 to 8,000	3,500 to 6,000
<b>Max. Service Temp (°F)</b>	2400	2400	2350	2350	2300	2400	2500
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	33.3	36.2	36.0	34.9	35.0	42.0	51.1
<b>General Usage</b>	Tunnel Slabs	Tunnel Slabs	Perimeters, Piers, I-Beams	Deck Blocks, Sub-Decks	Posts	Thermal Shock	High Temp Hot Load



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### Cole's Corner



Resco Products is very committed to our Research & Development program. In fact, more than 20% of all our production consists of products developed within the last 5 years. But we're not resting on our laurels! It is our goal to continue to create new products in order to

provide our customers with refractories that meet their ever changing needs. Nearly all of our new products evolve directly from customer input. So if you've got a problem, let us know, if we can't fix it with an existing product, then our next product may be developed just for you.

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Don't Forget to check us out on the Web:

[www.rescoproducts.com](http://www.rescoproducts.com)

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