



Ceramic powder can be mixed into any paint. The fine white powder was developed by NASA for the space shuttle. Photo shows how it dissipates heat.

Powdered Ceramic "Shield" You Can Add To Any Paint

"It cools down buildings in summer and keeps them warm in winter," says Herb Rayburn, about a revolutionary new ceramic powder that you can add to any paint.

"Until now, the only way to get a ceramic-type coating was to buy pre-mixed coatings, which are often prohibitively expensive. This powder can simply be mixed into any kind of paint," says Rayburn.

The fine white ceramic powder was developed by NASA for the space shuttle to dissipate heat upon re-entry. It consists of ceramic hollow micro spheres that reflect and dissipate heat. When mixed in with paint and applied to metal roofs, walls or other surfaces, it reduces the transfer of heat from inside or out.

Rayburn says the product is perfect for use on farm metal buildings. Energy savings with commercial ceramic pre-mixes on commercial buildings have been as high as 40%. Rayburn expects similar results with the new

mix-in powder. You can add it to any paint but white or light colored paints work best.

"Ceramic coatings are fantastic for metal roofs which can transfer up to 95 percent of the solar heat directly to the interior. This product is also great for mixing into elastic coatings designed for roofs. Mixing it into them will lower interior temperatures 15 to 20 degrees. Coating the underside of the roof and surrounding supports lowers temperatures even more."

One 32-oz. bag of "Heatshield" powder is needed per gallon of paint. It sells for \$8.00 plus \$4 S&H. A 5-gal. kit, consisting of five 32-oz. bags, sells for \$40 plus \$4 S&H. There's a 10% discount if you order more than 5 kits at a time.

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Air-powered "snow plane" is powered by a big airplane propeller and rides on three 9-ft. long aluminum skis. "It's a lot of fun to drive," says Weimerskirch.

Air-Powered "Snow Plane"

"It rides smooth and comfortable and is a lot of fun to drive," says Eugene Weimerskirch, Coulee City, Wash., who built an air-powered "snow plane" that's powered by a big 2-blade airplane propeller and rides on three 9-ft. long wooden skis - two in back and one in front.

The body is made from square tubing covered with aircraft fabric, and the fully enclosed cab is fitted with large Lexan windows. Power is supplied by a 125 hp Lycoming aircraft gas engine. The 6-ft. long blade bolts to the engine crankshaft.

"I designed it mostly for recreation. It's nice for cruising around the country," says Weimerskirch. "I'm surrounded by large windows so I have a great view of the countryside. Depending on snow conditions, I can go up to 70 mph on level land, although I never go that fast. It's ideal for use in large areas such as open fields and also has enough power to climb hills. The big, wide skis ride

on top of the snow. It doesn't have a heater and defroster so I have to wear a warm coat to stay warm. It has two seats, and there's also room behind the seats for my grandchildren to ride.

"I bought the blade custom from a propeller manufacturer. The blade is surrounded by a steel rod safety cage. The electric start engine has an advance throttle so when the engine is idling the propeller doesn't produce enough thrust to move. For steering, I used the steering gear off an old Chevy car. The back two skis are attached to the rear springs off an old Packard car while the springs on the front ski are off an old Hudson car. The springs are extra long to provide a lot of suspension and allow the skis to pivot with the terrain."

Contact: FARM SHOW Followup, Eugene Weimerskirch, 11031 SR 17N, Coulee City, Wash. 99115 (ph 509 632-5525).



Custom sewn tarp covers are made from tough 18 oz. PVC-coated nylon that's double-stitched and designed for easy snap-on installation and removal.



Covers are made in yellow, grey, red, black, green or white, to match the color scheme of the combine.

Custom Hopper Covers Designed To Fit Any Combine

Despite price tags of \$200,000 or more, one thing most combines never get at the factory is a cover over the grain tank.

Signature Seat Cover of Elm Creek, Manitoba, custom sews tarp covers to fit grain tanks on all makes and models of combines. They allow you to leave your combine in the field overnight without fear of rain. They also eliminate time spent cleaning wet grain out of the hoppers and they reduce grain loss since they can be left on while harvesting so grain can't blow out.

Darryl Enns of Signature Seat Cover has

been manufacturing hopper covers for the past seven years. He makes them in yellow, grey, red, black, green or white, so they will match the color scheme of the combine.

They're made from tough 18 oz. PVC-coated nylon that's double-stitched and designed for easy snap-on installation and removal. Aluminum support tubing slides into nylon fittings.

"Before installation, the combine owner pre-drills holes in the top edge of the hopper and inserts the male end of the snaps into each hole. There are 20 snaps on each cover,"

he says. "From the front to the back, there's a five inch rise over the top of the extension hopper so that water can run off. On some models, there is a boot that goes around the unload auger, where it enters the hopper. On almost all combines, there's a section - about one-third of the hopper - that can be rolled up when combining so that the unload auger can be operated."

Signature Seat Cover warrants its workmanship and materials for one year after purchase and ships the grain tank tarps via the most practical carrier for prepaid orders.

Most orders are filled within seven working days. Customers need to supply the year, make, and model of combine.

Prices range from \$153.90 to \$475.99.

Signature Seat Cover is currently looking for Canadian and U.S. distributors.

Contact: FARM SHOW Followup, Darryl Enns, Signature Seat Cover, Box 10, Elm Creek, Manitoba, Canada R0G 0N0 (ph 204 436-2335).