

PRO-COOL:

Dry
Powder
Coolant

Product Fact Sheet





WHAT CAUSES WATER STAINS?

When glass is ground in water, the grinding process tends to raise the pH to 9 and above. This alkaline water is what causes the glass to get “etched” as the water spot evaporates. Now that we understand the problem, Matodi offers a solution...

Matodi’s PRO-COOL dry powder coolant works to lower your pH. Not only does a neutral pH reduce or eliminate water stains, but also helps to minimize everyday corrosion in your expensive machine. PRO-COOL also acts as a coolant for your diamond wheels. Running speeds up to 20% faster; and also helps your expensive diamond wheels last longer!

THE MATODI TOOLING/CONSUMABLES TEAM



Mark Truhe
mark@matodi.biz



Kip Crabbe
kip@matodi.biz



Matodi Pro-Cool Quick Facts

- 1 pound of powder = 1 gallon of liquid
 - (One and one-half standard measuring cups equals one pound of Pro-Cool)
- Sold in 40lb. buckets or 2lb. containers
- Freight on 5 gallons of liquid is the same as 40lb. of dry powder
- Switching to powder coolant can save you significant \$
- 5 gallons of liquid coolant treats 500 gallons of water, but 40lbs. of Pro-Cool treats 4,000 gallons
- No Defoamer needed (this coolant does not foam!)
- No deflocculant needed



Advantages of using coolant versus fresh water

Lowers pH to prevent:

- 1. Staining of glass**
- 2. Rusting of machine**
- 3. Soft settling of glass swarf
(Clay -like consistency)**

Lubricates diamond wheels:

- 1. Increased diamond wheel life**
- 2. Lower amp draw on spindle
motors**
- 3. Increased processing speed**

Caution when using coolant

- 1. Too much coolant will decrease
polish**
 - a. The result is overlubrication
of diamond resins, polish
wheels, and cerium wheels**
- 2. 1-2% is recommended**
 - a. 1-2lbs. per 100 gallons of
water**

**Pro-Cool Dry Powder Coolant SDS Sheet is available
upon request!**

