

Sunscreen

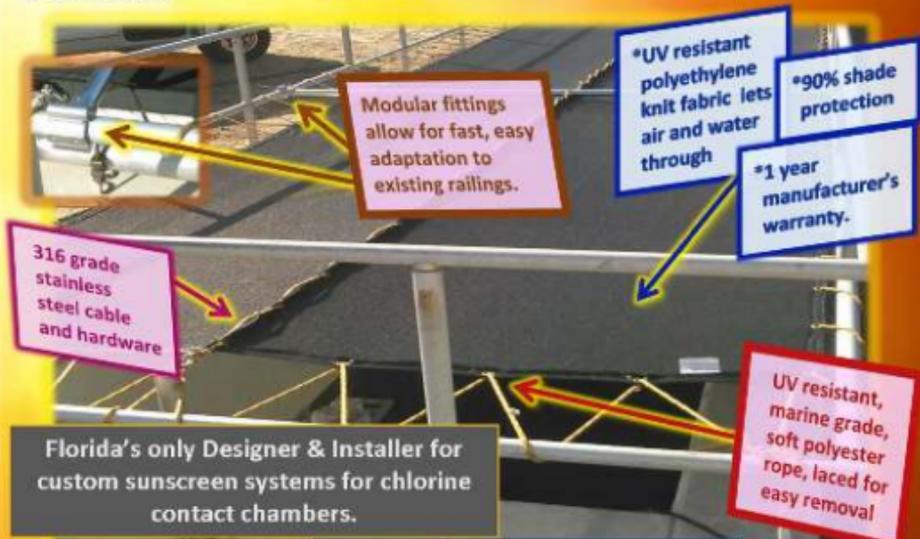
For

Chlorine Contact Chambers



Finally, a practical, cost effective solution to shade and cool your chlorine contact chambers.

Save chlorine and save money!



Modular fittings allow for fast, easy adaptation to existing railings.

*UV resistant polyethylene knit fabric lets air and water through

*90% shade protection

*1 year manufacturer's warranty.

316 grade stainless steel cable and hardware

UV resistant, marine grade, soft polyester rope, laced for easy removal

Florida's only Designer & Installer for custom sunscreen systems for chlorine contact chambers.

JMOSHER

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ENTERPRISES

SUNSCREENS for Chlorine Contact Chambers
Chuck Baxter, Owner

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Magazine article: Saving chlorine costs.

Florida has lots of sun and hot weather most all year and that's bad news for chlorine contact chambers, as the heat and UV eat up the chlorine and that gets expensive. Keeping the chlorine chambers shaded would be of great benefit to keep the UV rays and heat down, not just to save chlorine costs but it's also helpful to keep the Trihalomethane (TTHM) count down, as these carcinogens are strictly regulated in public water systems.

The folks at the waste water treatment plant in Bradenton Florida are concerned about this and wanted to find a simple, cost effective solution for the problem.

So, they asked Chuck Baxter, owner of J Mosher Enterprises in Sarasota, to find an answer. (previously owned by Jim Mosher) Mosher Ent. provides Industrial services, repairs and custom products and it caters to water treatment plants and other related industries. After Chuck investigated what type of shade systems are available, he wasn't impressed with the choices.

The most available option, are pool cage type enclosures. The screen is really, a bug screen material and not designed as a shade screen material. It rips and tears easily and if a storm comes, it gets damaged. The frames are light weight box tubing and are not repairable if damaged. The screen is held in with a rubber spline that gets hard and rots after time. The box type enclosure restricts access to the associated piping, valves etc. So, a pool cage type enclosure wasn't the answer.

The "shade balls" were supposed to be the latest, greatest thing, and is a good idea for very large uncontained areas, but now they find, that the plastic leaches toxins in the water, so that's not good and if a hurricane comes, there is no way to retrieve them and cleaning them is impossible. So the shade balls are not the answer either.

The tarp type covers are also very limited, they hold a lot of water and tear and not repairable. They are not removable should a hurricane come. The frames must be made from a large steel support structure. They are not really designed for water plant applications. So they are not a great choice either.

Chuck is very picky and was looking for a particular type of sunscreen protection system, that was designed just for this type of application. It had to be a strong but light weight screen material, that was both UV and Chlorine resistant. It had to be able to breathe, so it could float in the air and not be a wind sail. It had to utilize marine grade 316 stainless steel hardware, so nothing could rust or corrode. The frame work had to utilize the existing aluminum railing system, so that, no other type of special frame had to be made to support the screen.

Finally, the screen had to be removable, should a hurricane be a threat. That was a tall order and it wasn't available from anyone from anywhere.

No such high quality, sunscreen protection system exists and Chuck wasn't going to settle for anything less. He decided to put together a package of the highest quality ingredients, that suit the needs of the industry and offer it himself. He started by contacting the best industrial screen material maker in the world and it happens to be right here in the good ole USA. Dewitt fabric has been an American manufacturer of the finest fabric and screen material in the world since 1977. They manufacture the strongest, UV and chemical resistant sunscreen fabric available. It is made from a high quality, UV resistant, polyethylene knit fabric that will not fray or unravel if damaged, like a cheaper woven type material.

The black 90% shade protection, comes with a 1 yr. factory warranty from defects and can expect 5+ years of service. These are not like "pool cage" type enclosures these are designed to hang over the chambers, using an aluminum railing system with the screen laced with a marine grade, UV resistant, soft polyester rope around the perimeter like a trampoline and extra supports called grommet pinch pleats (GPP) to help support the center areas, using 316 marine grade stainless steel cable and hardware.

As well, all the rest of the hardware is 316 s.s. including the concrete anchors. Side curtains can be easily added for protection for lower angle sun entry, like early morning and late day. Since the screen is laced to the railings, it is easily removable if necessary. The railing system utilizes the same aluminum type that water plants use, so modifications and additions can be made easily without disrupting the existing railings. There are no "corners cut" in these systems and no cheap junk, everything is top of the line. This is much stronger and more cost effective than any pool cage type enclosure and is a great solution to putting shade on the chambers that does not inhibit the access to any piping, valves or pumps.

Each screen is custom made, to fit the chambers existing hand railing system and if one is not currently there, Chuck also designs and installs them for a complete system installation. This same type shade systems also works well for Sulfuric acid and other types of liquid storage tanks. The best part is, that prices start at \$ 6.25 sq. ft. and that includes installation. The cost of saving chlorine will quickly pay for itself and then becomes a huge investment for many more years.

Finally, ---- a cost effective solution to shade and cool your chlorine contact chambers that will save you money and make you money.

For more information, you can check out the web site at:

jmosherenterprises.com or call Chuck at (941) 376-6465
e mail: customartworksinc@yahoo.com

J Mosher Enterprises

Sunscreen systems for Chlorine Contact Chambers

Mosher has been servicing and repairing clean water and waste water treatment plants and organic composting/ recycling centers in Sarasota, Manatee and Charlotte counties for over 15 years. Now, with new owner, I also offer sunscreen systems for Chlorine Contact Chambers and liquid storage tanks.

Chuck Baxter, new owner since 2015

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Thank you very much for your business, it is greatly appreciated.