

MAY 2017

This edition of TechTALK focuses on the coating improvements for **SAND MEDIA FILTERS**.

Over the years, Netafim epoxy coated sand media filters have been able to withstand the harsh environmental effects encountered in the field. We are continuously researching and experimenting with improved formulations and combinations of coatings to provide the best level of protection.

In recent years, we have made changes to the formulations and application techniques on our current sand media product line. In addition to the meticulous preparation of the metal through various cleaning processes, our team has created an improved barrier against corrosion with the use of a Phenolic coating. The use of a Phenolic coating, at an improved application rate and formulation, exponentially increases the rust inhibiting attributes for Netafim sand media filters.

Along with our superb welding techniques - 95% overlap and true butt welding instead of overlapping or more commonly known as 'nested welding' - the Phenolic coating improvement creates a corrosion-combating media filter system.

On our 48" sand media filters, we also increased the size of the service port to 10" which allows the media to be loaded easily and provides good visibility during inspection of the tank's interior.



When compared to other coatings such as Polyamide, Silicone, Aromatic Amine and Water Based, Phenolic coating has superior characteristics and qualities such as:

- ✓ HARDNESS AND STRENGTH
- ✓ ACID RESISTANCE
- ✓ ALKALI RESISTANCE
- ✓ SALT RESISTANCE
- ✓ SOLVENT (HYDROCARBON) RESISTANCE

For more information on Netafim sand media filters visit our website at www.netafimusa.com or contact your local Netafim representative. Thank you.