

InspaGreen™ BioLine™

Protection against the onslaught of microbial induced corrosion

Permanent anti-microbial protection

Inspars's development focused solely on permanency to provide long term design life

Nearly all current "anti" chemicals and or substances are based on heavy metal solutions that tend to migrate to the surface and get washed or abraded away resulting in continuous and costly replenishment

Inspar formulators developed a system based on permanent ammonium salts that become polymerized within the polymer based structures.

The Inspar additive formulation results in a matrix of "lance like" salt structures throughout the thickness of our high build linings.

Nano sized structures pierce the cellular walls of microbes resulting in complete and effective death of the bio organism yet the salt structures are compatible as an additive to even such sensitive applications such as potable (drinking) water, food contact and other intimate health issues.

This innovative development allows Inspar to offer our clients and end users state of the art, permanent anti microbial protection in its entire line of InspaGreen™ pipe lining systems. The effectiveness has been repeatedly demonstrated under rigorous testing protocols.

Test results:

ASTM-2149 "Shaken Flask" and IS)-22196 "Cover Slip" (from independent laboratories) Show an effective kill rate of 99.99% and all log kill rates exceed 5.58.

ASTM E-2180 "Determining the Activity of Incorporated Antimicrobial Agent(s) in polymeric or hydrophobic materials, and ASTM G-21 "Fungal Test are equally impressive.

*No heavy metals are used and no arsenic is present in our "anti-formulation.

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