

Zinc In Space

(NAPSA)—As a protective coating for steel, zinc has no equal. The steel and zinc industries have worked together for many years to perfect galvanized coatings capable of protecting steel from corrosion in an array of environments and applications. From automobile body panels to household appliances, from bridges to mailboxes, the extended service lives and finishing options made possible by modern zinc coatings are staggering.



In fact, when NASA scientists needed a coating that could withstand the extreme temperatures of space travel, they turned to zinc oxide. Researchers were able to develop a zinc-based coating capable of withstanding thermal cycling between 180°C and -180°C, and the bombardment of ultraviolet exposure equivalent to 19,000 sun hours. This zinc-oxide coating is now routinely used to protect components of spacecraft, which are some of the most technically advanced and complex machines ever made.

For more information on zinc and its many uses, visit the American Zinc Association Web site at www.zinc.org.