



Technical Bulletin

#111

Armor Wrap® Paper Color Variation

Armor Wrap® VCI Papers

Armor Wrap® papers are a line of corrosion inhibiting papers for the protection of various metals. The papers are neutral pH, natural Kraft papers, that are impregnated on both sides with ARMOR's proprietary Vapor and Contact Corrosion Inhibitor (VCI) nano-technology. The paper itself is the carrier of the corrosion inhibiting chemical to the metal product in a clean, easy and efficient form. Armor Wrap® papers are designed to be replacements for messy and sometimes hazardous liquid chemicals, oils and greases. ARMOR has been producing Armor Wrap® papers for more than thirty years.

Paper Color Variation

Over the past two years, ARMOR has qualified and approved an additional source for the raw paper stock in addition to qualifying and approving another grade of coating paper. With escalating prices in raw materials, ARMOR has continued to work aggressively to keep our costs down, while maintaining quality, in order to hold prices on our Armor Wrap® papers. Multiple paper sources allows ARMOR the ability to offer cost efficient VCI paper products while assuring a continuity of supply. With these new approvals comes a different look and feel to the paper. Paper is currently sourced from Canada and the United States. All papers have been rigorously tested and validated in our laboratories. With these changes, our customers may experience paper color variations depending upon which mill source our raw material paper was shipped. There is an inherent variation in color with natural Kraft paper. This variation is somewhat amplified with multiple paper sources.

Performance of Armor Wrap® Papers

Only after thorough testing has ARMOR approved these papers for use in our Armor Wrap® line. While the color of the paper can be different, we can assure you that the chemical content, coating quality and process are consistent and have not changed. As indicated above, the paper is simply the *carrier* of the corrosion inhibitor to the metal. In 1979, ARMOR was the first company to be able to coat a 30# paper with the same amount of chemical found in the standard 35# paper of the time. We continue to push the envelope in VCI nano-technology and want to make sure our customers understand that color variation should be expected but the performance of the papers and their ability to inhibit corrosion remains unchanged.

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