

The paint stays put



Painted buildings, road signs, and train cars—the cost of the routine damage caused by graffiti artists is high. Cities, communities, and transit companies like Deutsche Bahn, whose trains are a favorite target for graffiti, regularly have to dig deep into their pockets to remove the unauthorized spray painting. According to one study conducted by the Association of German Cities, graffiti results in a total of around 200 million euros in damage in Germany each year.

Not only is removing these supposed works of art expensive, it's often complicated as well: Deutsche Bahn, for example, has specially trained employees who strip layer after layer of the spray paint from the painted surfaces of the trains—painstaking work done by hand with the help of powerful chemical cleansers. Over the course of time, this chemical and mechanical cleaning process destroys the trains' finish, which then has to be completely restored at considerable expense—repainting one rail car costs up to €30,000.

To mitigate these expenses, Evonik Resource Efficiency has developed VESTANAT® MF, a highly efficient crosslinker for paint systems that forms a lasting barrier against chemical cleaning agents, thereby protecting finished surfaces during the graffiti-removal process. Extensive tests have also shown that this powerful protective effect also

lends paints exceptional, long-lasting resistance to scratches and allows them to hold up extremely well to the elements.

The name says it all: Resource Efficiency GmbH is where Evonik bundles its global specialty chemicals business, supplying customers in a variety of industries with environmentally friendly system solutions that make efficient use of energy and raw materials. The segment's motto? **More value. Less resource.**

More value. Less resource. A response to two mega-trends – sustainability and resource conservation – this mission is about protecting the planet and securing the well-being of future generations.

VESTANAT® MF is part of the Resource Efficiency product portfolio. VESTANAT® MF delivers low maintenance costs for mobility providers.

And so does Resource Efficiency.

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