



## Z-59.13-346

This is not the description for a new model of a bavarian automotive manufacturer but the common general technical approval of the DIBt (German Institute of constructional engineering) for the new and inovated plural component - hot sprayed interior coating for tanks **AB-COR 925 HS-A** by AB-Polymerchemie.

20 years of empirical knowledge in the tank coating (Weserland) and a research team with uncomman concepts as well as outstanding product results got us to this high-toned market. One major target for the research assignment was for instance to achieve a chemical resistance against a mix of water / methanol / sulfuric acid 50 : 50 : 5 at 50°C. Due to the exceptional chemical resistance, solvent free and single layered coatings of Ethanol tanks (bio-/ agricultural-alcohol) and corresponding blends are possible.

The optimal processing properties, the special flow behaviour at a good stableness, a speaking color difference of the components and a capable and customer - oriented service are further solid arguments to field **AB-COR 925 HS-A** as an interior coating for tanks.

It was our target during the entire multi-annual development to accomplish the steadily growing requirements within the petrochemistry with a powerfull and future oriented product. And so it is a must to mention the outstanding anticorrosive properties of this interior coating for tanks which is based on the bionic technology developed by ABP. The corresponding, non conducting AB-COR products, for instance **AB-COR 950 SW**, were tested and with outstanding results approved by the Federal Waterways Engineering and Research Institute (BAW). Among others it transpired that the ABP-products to feature a by now not known immunity against corrosion creep, indeed without zinc dust-primer. If you have any further querries, please don't hesitate to contact us.

<b>Groups:</b>	<b>Mediums groups</b>
<b>IB 1</b>	- gasolines, premium and regular (following DIN EN 228: 2009-09) with max. 5 Vol.% bioalcohol (following DIN EN 15376: 2009-11) acc. bioalcohol to RL 2003 / 30 / EG
<b>IB 3</b>	- fuel oil EL (following DIN 51603-1: 2008-08) and - unused oils of combustion engines - unused automotive gear oils - blends of aliphatic and aromatic hydrocarbons with a content of aromatics of $\leq 20\%$ w/w and a flashpoint of $> 55^{\circ}\text{C}$
<b>IB 4b</b>	- crude oils up to $120^{\circ}\text{C}$
<b>IB 7b</b>	- biodiesel (following DIN EN 14214: 2010-04)
and	- ethanol (ethyl alcohol, $\text{C}_2\text{H}_5\text{OH}$ ) technical, clean up to 98% (blended with water)

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