

## GENERAL INFORMATION

### PRODUCT DESCRIPTION

AP-COAT® 2030-BK is a multifunctional water-based corrosion protection coating that does not contain any aromatic compounds or solvents. AP-COAT® 2030-BK forms a black, silky matt, closed coating and meets the requirements of corrosion protection class C3 (DIN EN ISO 12944) as long as the recommended coating thickness and the instructions for use are adhered to. Additionally the product meets the requirements of stone chip resistance according to DIN EN ISO 20567-1, B on steel and aluminum as well as reaction to fire requirements according to DIN EN 45545-2 Hazard Level 1/2/3.

### APPLICATION

AP-COAT® 2030-BK is particularly suitable for use as DTM (direct-to-metal) multifunctional corrosion protection and can be used as a single-layer paint for surface coating or priming of corrosion-prone surfaces on vehicles of all kinds (cars, buses, construction and agricultural machinery, vintage cars) as well as machinery and machine parts as well as equipment. AP-COAT® 2030-BK is suitable for DTM (direct-to-metal) applications for vehicles and vehicle parts. Its use as a primer is particularly recommended in combination with AP-COAT® 2070 (2202 0700) empfohlen.

### CUSTOMER VALUE

- | **VERY GOOD LONG-TERM CORROSION PROTECTION**
- | **ESPECIALLY SUITABLE FOR DTM APPLICATIONS**
- | **GOOD STONE CHIP RESISTANCE ACCORDING DIN EN ISO 20567-1, B**
- | **QUICK DRYING AND OVERPAINTABILITY**
- | **MEETS REACTION TO FIRE REQUIREMENTS ACCORDING TO DIN EN 45545-2 HAZARD LEVEL 1/2/3**

## APPLICATION

### PROCESSING INSTRUCTIONS

Stir the product thoroughly before use and bring it up to the recommended processing temperature of between 15 °C and 25 °C. It is to be applied to a greaseless and dry surface. The ready to use product can be applied by air mix or compressed air sprayed, painting and dipping onto the prepared surface, whereby a uniformly closed film is to be applied with local surpluses being avoided. The minimum recommended dry film thickness is 50 µm to 80 µm. Drying is carried out at room temperature. The coating is fast to handling after 30 minutes and dried through after and completely dry after 24 hours.

### CLEANING

Liquid or slightly dried material on the tool is to be cleaned off with a moist cloth. It is recommended that dried on material and overspray be removed using cleaner AP-PURE® 7048 (7207 0480) empfohlen.

### DISPOSAL

Please only dispose of completely empty containers in the recycling waste. Take containers with residual contents to problem waste depots. Do not dispose of the container in the household waste. Do not permit the product to enter the sewage system, the soil, or bodies of water.





## CHARACTERISTIC VALUE <sup>1</sup>

PROPERTY	METHOD	UNIT	VALUE
Appearance	036.000Q		milky liquid
Solid content	010.000Q	%	45
Density at 15 °C	DIN EN ISO 12185	g/cm <sup>3</sup>	1,050
pH value	015.000Q		8,50
Viscosity at 23 °C (760 1/s)	005.000Q	mPas	85
Stone chip resistance (60 µm on alu-	DIN EN ISO 20567-1, B	characteristic value	≤ 2
Neutral salt spray test <sup>2</sup>	DIN EN ISO 9227	h	> 500
CASS Test on aluminium	DIN EN ISO 9227 CASS	h	> 240
Condensed water test <sup>2</sup>	DIN EN ISO 6270-2	h	> 1000
Fire protection requirements	DIN EN 45545-2	Hazard Level	1 / 2 / 3

1) Data are approx. average values and do not serve as a product specification  
 2) At recommended dry film thickness on cold roll steel.

## LOGISTICS

### TRANSPORT AND STORAGE

The product is to be transported and stored in a closed container so that it is protected from frost, sunlight, and heat (storage category 12).

### SHELF LIFE

The shelf life is 9 months subject to a correct transportation and storage at temperatures of between 5 °C and 30 °C in a closed container.

## HEALTH AND SAFETY

Our products are classified and labelled at EU level conform with (EC) directive No. 1272/2008 (CLP directive) and conform with the GHS (Globally Harmonized System) outside the EEA. The safety datasheets are conform with Article 31 and Annex II of the (EC) REACH directive No. 1907/2006, Artikel 31 or ISO standard 11014 respectively – each in their currently valid version.

## DISCLAIMER

Neither is this product information deemed to be a warranty of a condition, shelf life or effect of the product, nor is it deemed to be an assurance of a quality. Diverse influencing factors, especially such as are climate and application-related, can have an effect on the effectiveness of the product. We also wish to inform you that possible (external) influences that can occur during the processing and the use of the product cannot be excluded. The information in this product information does not therefore release the user from his duty to test a product that has been selected in advance. We would be pleased to provide samples for this purpose (container sizes on request). We exclude all liability for damage resulting from an incorrect storage and use. The user is responsible for acting in accordance with valid laws and provisions. The user is responsible for obtaining any licences that might be required at his or her expense.