

GENERAL INFORMATION

PRODUCT DESCRIPTION

AP-COAT® 2060 is a water-based corrosion protection coating that is free from aromatic compounds and solvents. AP-COAT® 2060 forms a silk-glossy, and fast to handling coating and meets the requirements of Corrosion Protection Class C2 (DIN EN ISO 12944) when applying the recommended layer thickness and adhering to the intended use.

APPLICATION

AP-COAT® 2060 is suitable for dip coating of machines and machine parts, work and semi-finished products as well as systems. AP-COAT® 2060 is especially suitable as a high-quality, multifunctional anti-corrosion coating for hot-dip galvanized and electro-galvanized surfaces for industrial applications.

CUSTOMER VALUE

SUITABLE FOR HOT-DIP AND ELECTRO-GALVANIZED COMPONENTS

HIGH RESISTANCE TO DUST, DIRT AND ENVIRONMENTAL INFLUENCES

DGOOD CORROSION PROTECTION

CHROMIUM AND HEAVY METAL FREE

GOOD ADHESION AND FAST DRYING AT ROOM TEMPERATURE

APPLICATION

PROCESSING INSTRUCTIONS

Pour the product into the immersion bath at the recommended processing temperature of 15 °C to 25 °C. The recommended bath parameters of the immersion bath are: Concentration in %: 8 - 15; Bath temperature in °C: 20 - 60; pH: 8.0 - 9.0; Dive time in s: < 30; Draining time in min: 5 - 10 ; Flash-off time approx. 1 h at room temperature. The component must be grease-free and the component temperature should not exceed 80 °C. Mechanical circulation of the bath with a pump or a slow-running agitator is recommended. The resulting dry film thickness for immersion application is between 3 µm and 6 µm. A spray application must be tested on a case-by-case basis. Drying is carried out at room temperature. The coating is fast to handling after 30 minutes and thoroughly dried after 24 hours. If there is residual heat of the component of approx. 50 °C, drying takes place after only 5 to 10 minutes.

CLEANING

To clean the tool/nozzle when the material is still liquid, a water/isopropanol mixture with a suitable cloth is recommended. For the removal of dried material and overspray, an alkaline cleaner is recommended.

DISPOSAL

Please only recycle containers that are completely empty. Containers with residual contents are to be taken to the problem waste disposal centres. Do not dispose of them in the household waste. Do not permit the product to enter the sewage system, soil, or bodies of water.





CHARACTERISTIC VALUE ¹

PROPERTY	METHOD	UNIT	VALUE
Appearance	036.000Q		transparent to milky
Solid content	010.000Q	%	30
Density at 15 °C	DIN EN ISO 12185	g/cm ³	1,050
pH value	015.000Q		7,25
Viscosity at 23 °C (760 1/s)	005.000Q	mPas	27
Condensed water test ²	DIN EN ISO 6270-2	h	> 200
Outdoor hall weathering ²		months	> 24
Outdoor weathering		month	> 6

1) Data are approx. average values and do not serve as a product specification

2) At recommended dry film thickness on aluminium

LOGISTICS

TRANSPORT AND STORAGE

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

SHELF LIFE

The shelf life is 24 months when stored in a closed container and stored and transported correctly at temperatures of between 5 °C and 30 °C.

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.