

GENERAL INFORMATION

PRODUCT DESCRIPTION

AP-COAT® 2080 is a water-based corrosion protection coating that is free from aromatic compounds and solvents and is of a tested OEM quality. AP-COAT® 2080 forms a silk-glossy, transparent, and fast to handling coating and meets the requirements of Corrosion Protection Class C3 (DIN EN ISO 12944) when applying the recommended layer thickness and adhering to the intended use. The product also meets the requirements of stone chip testing according to DIN EN ISO 20567-1, B on aluminium and e-coat.

APPLICATION

AP-COAT® 2080 is particularly suitable for use as multifunctional corrosion protection for surfaces on vehicles of all kinds (cars, buses, construction and agricultural machinery, vintage cars) as well as machines/-parts. AP-COAT® 2080 is recommended for components made of aluminium, light and non-ferrous metals, zinc passivations and other coated surfaces and plastics.

CUSTOMER VALUE

- | **VERY GOOD CORROSION PROTECTION**
- | **ESPECIALLY SUITABLE FOR ALUMINIUM COMPONENTS AND E-COAT**
- | **GOOD STONE CHIP PROTECTION ACCORDING TO DIN EN ISO 20567-1, B**
- | **FAST DRYING AND RECOATABILITY**
- | **GOOD CREEP ABILITY EVEN WITH DIFFICULT GEOMETRIES**

APPLICATION

PROCESSING INSTRUCTIONS

Stir the product thoroughly before use and heat it up to the recommended processing temperature of between 15 °C to 25 °C. It is to be applied to a greaseless and dry surface. The ready-to-use product can be painted or sprayed (airless, air mix, compressed air) onto the prepared surface, ensuring that the film is continuous and uniform, whereby local surpluses are to be avoided. The minimum recommended dry film thickness is between 40 µm to 120 µm. Drying is carried out at room temperature, but it can also be forced in a kiln at 40 °C to 60°C for 20 to 30 min. The coating is fast to handling after 2 hours and dried through after 2 hours and completely dry after 3 hours.

CLEANING

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

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		milky fluid
Solid content	010.000Q	%	38
Density at 15 °C	DIN EN ISO 12185	g/cm ³	1.060
pH value	015.000Q		8.00
Viscosity at 23 °C (760 1/s)	005.000Q	mPas	470
Stone chip resistance (80 µm on Al or e-coat)	DIN EN ISO 20567-1, B	characteristic value	≤ 1
Neutral salt spray test ²	DIN EN ISO 9227	h	> 480
CASS test on aluminium	DIN EN ISO 9227 CASS	h	> 240
Condensed water test ²	DIN EN ISO 6270-2	h	> 240

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 6 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.