

PHOENIX Synthetic Primer

Product Data Sheet

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Product Description

PHOENIX Synthetic Primer is used in pipe coatings as an adhesive layer between the cleaned steel and the PHOENIX Bitumen Enamel coating with which it is fully compatible.

PHOENIX Synthetic Primer contains chlorinated rubber and plasticizer dissolved in organic solvents.

Delivery

PHOENIX Synthetic Primer is available in 210 litre steel drums.

Application

PHOENIX Synthetic Primer is ready for use upon delivery and may be applied to clean, grit blasted steel pipes by spraying (or brushing).

For normal thicknesses (dry film thickness 20-30µm, wet film thickness 100µm) the primer coverage rate is 10 m²/litre.

The wet film thickness may be regulated by ±20µm, which will result in a variation in dry film thickness of 5µm.

At 25°C ambient temperature and under normal ventilation the drying time varies from 4 to 12 minutes depending on pipe temperature.

During application the pipe temperature should be between 10-50°C and 3°C above dew point.

Storage

When the primer is not being used, it should be hermetically sealed in its original packaging and stored at temperatures between 5°C and max. 30°C.

Provided that the product is stored under these conditions, it has a shelf life of 2 years.

Standards

PHOENIX Synthetic Primer meets all the requirements of EN 10300:2005 (Type 1) and AWWA C 203.

The logo consists of a red triangle pointing to the left, followed by the text 'corrosion protection that stays.' in a bold, sans-serif font.

Quality Control

PHOENIX INTERNATIONAL A/S, which manufactures, tests and approves the primer, is certified in accordance with the requirements of ISO 9001.

Quality control is conducted very carefully in the PHOENIX INTERNATIONAL A/S laboratories. Each batch of primer is tested and certified. A quality certificate is provided with each delivery.

Bituminous Coatings

Bituminous products not only provide a highly protective coating, but are also environmentally safe and provide excellent in-service performance. Bituminous coatings are suitable for pipelines operating at temperatures up to 70°C.

Technical Data			
Test	Unit	EN 10300:2005	AWWA C 203
Viscosity Flow Cup 4	Sec. (23°C)	35-60	No numerical values but description in paragraph 2.4.2
Flash Point	°C	min. 23	
Volatile Matter	% by mass	max. 75	
Application Temp.	°C	10-50	
Product Code	100-210, 100-220		