

Bituseal® Synthetic Primer

Product Data Sheet



Rev. 29 - Januar 2020

Product Description

Bituseal® Synthetic Primer is a specially formulated solvent based steel primer providing excellent adhesion and designed to be completely compatible with Bituseal® Enamel.

Delivery

Bituseal® Synthetic Primer is available in 210 litre steel drums.

Application

Bituseal® Synthetic Primer is ready for use upon delivery (after stirring) and may be applied to clean, gritblasted steel pipes by spraying (or brushing).

For normal thicknesses (dry film thickness 20-30µm, wet film thickness 100µm) the primer coverage rate is 8 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 temperatures and under normal ventilation the drying time varies from 5-12 minutes depending on pipe temperature.

During application the pipe temperature should be between 15-50°C and at least 3°C above dew point.

Storage

Bituseal® Synthetic Primer should be hermetically sealed 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

Bituseal® Synthetic Primer meets or exceeds all the requirements of EN 10300:2005 – Type 1 and AWWA C 203 and meets the requirements for modified bitumen primer in the Shell Specification DEP 31-30-40-33-Gen.

Quality Control

All raw materials for Bituseal® Synthetic Primer are tested and approved in the laboratories of PHOENIX INTERNATIONAL A/S.

Each batch is tested for compliance with the product specification and a quality certificate is provided with each delivery.

Technical Data

Test	Unit	EN 10300:2005	AWWA C 203
Viscosity Flow Cup 4 (23°C)	sec.	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		100-230	

 corrosion protection that stays.