



FOAR SYNTHETIC PRIMER TYPE B

FOR THE CORROSION CONTROL OF STEEL PIPELINES

FOAR Synthetic Primer Type B is an outstanding cold applied, fast drying synthetic steel pipeline primer which serves to seal the pipeline surface and develop a bond with all grades of coal tar and asphalt enamels under the most difficult field conditions.

This primer is designed to dry faster than cutback primer under all temperature conditions. This faster drying action permits the application of hot enamels over the primed surface within fifteen minutes under normal weather conditions, virtually eliminating primer contamination.

Benefits

- Cold applied hence no heating required
- Fast drying, i.e. within 5 to 15 minutes
- Develops excellent bond between enamel and pipeline substrate
- Compatible with coal tar enamel grades 105/8 and 120/5 as well as asphalt enamels.

Standard Compliance

BS 4164 (2002)
 BS 4164 (1987) – Type B
 AWWA C-203 (2002) – Type B
 IS 9912 (2008) – Type B

Application

Make sure that the pipe surface is thoroughly cleaned and dried before applying the primer. A hand brush or sprayer may be used for applying the primer. The primer coat should be applied uniformly and should be free from floods, runs, sags, drips and holidays. Runs, sags, drips and floods can be removed by scraping and cleaning, followed by reblasting. Leave the primer for 15 minutes during which it will become dry and hard.

Quality Control

FOAR's quality control system ensures strict quality check at all stages of production and comprehensive testing of each lot as per requirement of relevant standards. The organization's quality management system is certified to conform to ISO 9001:2008.

Packaging

- i. 208 liter drums
- ii. 25 liter pails
- iii. 20 liter pails

Storage

Material is highly inflammable hence must be stored under a shed in a well ventilated area away from heat.

Physical Characteristics	Limits	Testing Method (BS 4164:2002)	Testing Method (BS 4164:1987)
Flow time (4 mm flow cup) @ 23 °C	35 to 60 seconds	BS EN ISO 2431	BS 3900 Part A6
Flash Point (Abel closed cup), minimum	23 °C	BS EN ISO 13736	BS 2000 Part 170
Volatile matter (105 – 110 °C), maximum	75% loss by mass	BS 4164 Annex A	BS 4164 Appendix A
Drying time @ 15-25 °C	5-15 minutes	BS 4164 Annex P	BS 4164 Appendix P

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