



HIMCOAT PRIMER-B



PRODUCT DATA SHEET

DESCRIPTION

Himcoat Primer - B is a chlorinated based synthetic primer, which is modified and adjusted with plasticizers and a stabilizer in a blend of special solvents. The all season Himcoat Primer - B is designed to dry faster under all temperature conditions. Its quick drying characteristic develop a bond with Himcoat Enamel under most difficult field conditions and permit pipe sections to be hot coat and wrapped eliminating primer contamination.

Himcoat Primer - B conforms to AWWA C-203/1997
British Standard
BS 4164/1897

USES - ADVANTAGES

- It is all season primer and designed to dry faster under all temperature conditions.
- Its free flowing property permit coverage of 10-12 m² per litre on new pipe surface while old and rough pipe require 10% to 20% extra coverage depending upon pipe surface.
- It can be used for internal coating of pipes as it has no taste or odour.

Application methodology

PIPE SURFACE PREPARATION

Before applying Himcoat Primer - B pipe surface preparation is of the utmost importance. There are a number of suitable methods of pipe cleaning including :

(a) Sand or grit blasting. (b) Mechanical scraping and wire brushing.

Each method has its own attractions.

Properties

Characteristics	Test Method	Limits	
		Min	Max
Flow Time (4mm cup) at 23°C/Sec	BS 3900, Part A6	35	60
Flash Point (Abel Closed cup)°C	BS 2000, Part 170	23	-
Volatile Matter (105°C - 110°C)%	BS 4164, App A	-	75
Drying Time, minutes	BS 4164 App P	5	15

Method (a) is the most full proof and medium / fine grit gives best results. Sand creates a dust hazard and shot is susceptible to oil contamination and can cause deep impingement on the steel surface which leads to a low primer coverage rate. An enclosed recalcitrating blasting cabinet gives best results as it eliminates contamination and is easy to control.

Method (b) is used on line travel for “over the ditch” coating, but is not as reliable as method (a). Any dust remaining on the pipe must be blown off with compressed air.

It should be clearly understood that before any mechanical cleaning operation takes place all oil and grease should be removed from the pipe surface using a suitable solvent.

PRIMER APPLICATION

The prime pipe should have a uniform film of primer, free from runs, drips or missed spots. It is most important that the steel surface of the pipe should be above the dew point before application of any

protective coatings. If any doubt exists regarding this, the pipe should be warmed, e.g. by means of hot air blown through the pipe to warm it to a temperature of 30°C - 40°C. Synthetic primer should not be applied when the temperature of the pipe surface is above 60°C. The use of fast drying synthetic primer eliminates the need to coat the primed pipe within a specified period of time.

PACKAGING AND STORAGE

Available in standard 20 litres and 200 litres MS drums. Special packaging available on customers request. Himcoat Primer is to be stored in sealed container in cool place to avoid evaporation.

HEALTH AND SAFETY

- Smoking welding and flash to be avoided in application area.
- Use solvent proof gloves and rubber boots, eye protection glasses during application.
- In event of contact, wash eyes with cold water and seek medical advice.



HIMADRI CHEMICALS & INDUSTRIES LTD.

CORROSION PROTECTION DIVISION

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