



# PARACOAT – BPC®

(Buried Pipe Line Insulation Protective Coating)

## Description

The protective coating for thermal insulation for the buried pipe lines for open & partial insulation cell materials, has been in use extensively by applying vapor barrier, chicken wire mesh and tar felt with 85/25 hot bitumen. We at Paramount Polytre has brought to you the most economical and time saving coating which covers both the conventional as well as the closed cell/crossed linked insulation materials. It takes care of ingress of moisture thereby extending the life of the insulation material without any loss in the characteristics of the basic insulation material.

**PARACOAT –BPC** is a tough, durable vapor barrier coating over the insulation material and covered with Glass cloth in double layer to provide a well bonded finish.

## Advantage

- Eco friendly Product
- Excellent bonding to most of the insulation materials.
- 100% Water proof
- Low water vapor permeance
- Chemical and Alkali resistant
- Economical and easy to apply.

## Method of Application

- The insulation surface should be cleaned of dust particles any other Contaminants thoroughly.
- Stir its contents well before use to have homogeneous material before use.
- Apply a tack coat of PARACOAT –BPC @ 2 to 2.5 m<sup>2</sup>/liter with fully dipped brush and spread out evenly over the insulated surface.
- Immediately wrap the Glass cloth smoothly on the wet coating .Care should be taken that the cloth is applied in tightened and straightened position without any wrinkles and overlap seams by at least 50 mm, so that no air pockets are formed. Allow the surface to dry completely.
- Apply two finish coats each @ 2.5 to 3 m<sup>2</sup>/liter of the PARACOAT –BPC. It is very important that the first coat of PARACOAT –BPC is dried before the second coat is applied. Allow the second coat to cure (dry) for minimum 24 hours at ambient conditions. The dry film thickness varies with the fabric selected.
- Keep the container closed when not in use.
- Clean the brush and roller immediately with clean water after use.

## Specific Technical Data

Properties	Result
Color	Black
Viscosity	40000 to 60000 cps
Specific Gravity	1.12 – 1.2
Temperature Range	-20 ° to 90 °C
Water Vapor Permeance	Less than 0.015
Water and Chemical Resistance	Excellent

## Coverage

The wet coverage of PARACOAT –BPC is 1 to 1.2 m<sup>2</sup>/liter (With a tack coat + two coats over the cloth) subject to type of insulation and type of lagging fabric being used. The coverage may vary according to the type of surface and condition.

## Storage

We recommend that the Adhesive container should not be exposed to direct sun light.

## Packing

Available in 20 kg. air tight Plastic Pail.

## Precautions and Limitations

Material Safety Data Sheet (MSDS) is supplied on request.