



BARICOAT BE35

Moisture Barrier Bitumen Emulsion Paint Coating

BARICOAT BE35 is a liquid bitumen emulsion coating which dries off to form a tough yet flexible moisture barrier protective membrane. It is a superior quality coating manufactured by using a blend of high quality bitumen compound and selected mineral fillers. The product is VOC free and is extremely low on emissions. Being highly thixotropic and easy to apply, makes the product highly suitable for application on concrete surfaces as a moisture barrier coating.

PROPERTIES

- VOC free. No health or environmental hazard.
- Odorless. Safe to apply in poorly ventilated or confined areas.
- Easy to apply.
- Cold applied.
- Highly thixotropic.
- Good resistance chemicals in the soil like chlorides and sulphates.
- Excellent adhesion on most substrates.
- Non- flammable.
- Confirms to ASTM D 1227, Type III, Class 1.

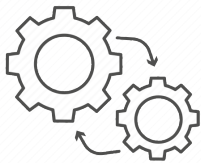


AREA OF APPLICATION

BARICOAT BE35 can be used for a wide variety of applications, which includes the following:

- Concrete foundations above the water table.
- Block works.
- Building facades prior to cladding.
- Protective coating for built up roofing systems





METHOD OF APPLICATION

BARICOAT BE35 coating shall be applied as per the following general method of application:

A. Substrate preparation:

The performance and ultimately the durability of the coating largely depends on the condition of the substrate. Therefore, conditioning and preparation of the substrate is of utmost importance.

The surfaces shall be thoroughly cleaned to remove all dust particles and laitance. Surface defects like potholes and pinholes on building facades on the concrete shall be repaired with an appropriate polymer modified repair mortar.

B. Priming

On new concrete surface the bitumen coating can be applied directly. However, it is highly recommended to apply a priming coat on all old and porous substrates for improving the adhesion of the subsequent coats.

The priming coat can be prepared in the work site by diluting **BARICOAT BE35** with only 10% clean potable water. The priming material shall be mixed thoroughly using a low RPM paddle mixer to ensure proper homogeneity of the mix.

Primer application can be done using a brush or roller. For large areas the application can also be done using an airless spray machine. The primer should be allowed to dry before applying subsequent coats for at least 6 to 8 hours. The area should be re-primed if there is a delay in the application of the top coat for more than 24 hours.

C. Top coat

Application of **BARICOAT BE35** is to be done by using a suitable roller or brush. Large areas of application can be done by using an airless spray machine. To achieve an appropriate consistency while using an airless spray we recommend diluting the **BARICOAT BE35** by a maximum of 10% of potable water.

The coating always has to be applied with a minimum of 2 coats for optimum performance. The coverage rate will always vary depending on the area of application and the nature of the substrate.

D. Protection of applied coating

As **BARICOAT BE35** is bitumen based, it is extremely important to protect the applied coating especially on foundations from damage from ongoing site activities.





TECHNICAL SPECIFICATIONS

Properties	Typical Value	Test Standards
Color	Dark Brown	-
Density, g/cc	1.02 ± 0.02	ASTM 1475
Form	Thick viscous liquid	-
Solid Content	>35 ± 5%	ASTM D 6511M
Full cure@ 25°C	24 hrs	-
Application Temp	5°C to 50°C	-
Service temp	-5°C to 80°C	-
VOC	<50g/ltr	ASTM D 3960

• All values are subject to 5-10 % tolerance



HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying **BARICOAT BE35**. In case the material splashes to the skin or eyes wash the same with fresh water immediately.

In critical cases seek medical assistance.



www.tahaco.in



PACKAGING

BARICOAT BE35 is available in 20 Liters Pail and 200 Liters Drum



COVERAGE RATE

4 m² / Liter/Coat



STORAGE & SHELF LIFE

BARICOAT BE35 pails or drums should always be stored in dry and covered areas. The product should not be exposed to direct sunlight or be kept near any source of heat.

The product Shelf life is up to 12 months when stored as per the recommended storage conditions.

NOTE: The information contained in this DATA SHEET, as well as our advice, both written as oral or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must take them as simple orientations, provided strictly as information. We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation that installers have to deeply know the right application method for these systems before they use them, as well as to conduct as many preliminary tests as possible if there are any doubts about the appropriate system to use. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage or prejudice derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

