
Description

An aqueous dispersion of hard asphalt especially formulated to impart water resistance to machine made paper, boxboard, solid fibre, wall board and other fibre products.

General

Sizing with Bakor 33C is a most satisfactory and reliable operation. When specifications call for water resistance in machine made papers and other fiber products. Bakor 33C provides the required repellency in almost direct proportion to the amount of size. As little as 2 gallons of Bakor 33C per ton of paper assures mild resistance with negligible drop in the Mullen strength. The use of 4 to 6 gallons of Bakor 33C per ton of paper produces exceptional water resistance; for example, this amount gives 2.8 grams immersion number on test chip by standard test (RC-71-Sizing of Paper-board-TAPPI Routine Control Methods). Also, the Mullen strength of test furnishes sized with Bakor 33C is greater than when other types of sizes are used.

Advantages

Bakor 33C is easy to use. Quick and complete dispersion follows the addition of Bakor 33C to the pulp. It may be added at any point in the pulping system that affords good agitation and mixing prior to the addition of alum. From a paper manufacturer's standpoint. Bakor 33C has many advantages in that it will allow them to offer a wide line of products having various water resistance characteristics and to produce on conventional equipment.

Bakor 33C is economical in the gallonage needed for the desired repellency. Its use is less critical in the control of the necessary pH and requires less alum than for most other sizings. Because of complete dispersion in the system. Bakor 33C becomes an integral part of the pulp with virtually no staining or filling of felts and wires. Production is increased and clean up time is shortened.

In addition to its efficiency and economy stated above, Bakor 33C causes less foaming and runs trouble-free even when used on high speed cylinder machines with vat temperatures of 120°F. Further, sizing effectiveness is not adversely affected by temperature changes, impurities or hard water, and flocculation once completed is not reversed by the addition of diluting water.

Characteristics

-Application	Paper or board machine
-Colour	Brownish black
-Economy	Uses fewer gallons to meet sizing specifications, no waste. Requires less alum for proper pH.
-Non-Reversible	Flocculation once completed is not reversible.
-Free Running	Virtually free from foam, filling of felts and wires picking on dryers and stacks.
-Board Strength	Gives board snap and stiffness with less loss of Mullen strength.
-Water Resistance	Excellent
-Weight per Gallon	Approximately 10.6 lbs.
-Solids Content	56 – 58%
-Container Sizes	45 Gallon drums, or tank car

Avoid Freezing

Material will be damaged if frozen. Store at a temperature above 32°F.

Caution

Harmful if swallowed. <>