

“CON-TROL” POWDER SIZE-1800

PRODUCT UTILITY

"CON-TROL" POWDER SIZE 1800, an efficient product for internal sizing of various grades of paper in acidic pH condition. It is fortified rosin in Powder form with nearly 90 percent active ingredient. A product forms aluminum -resinate when it comes in contact with aluminum joins derived from the dissociation of alum / PAC used for adjusting the required acidic pH of the pulp slurry. This aluminum -resinate gets adsorbed on the surface of fibers and imparts water repellency to the formed paper. It also improve & enhance the hydrophobic property of the resultant paper.

PROPERTIES

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| • Physical Form | Pale Yellow to Brownish |
| • Active Content | 90 ± 5.0% |
| • Moisture | 5.0 ± 3.0% |
| • Shelf Life | 6 Months |

APPLICATION

"CON-TROL" POWDER SIZE 1800 should be diluted in water at a temperature of 40 to 50 degree centigrade before adding to Pulp Stock. The diluted fortified rosin size should be added to the pulp slurry followed by alum solution / PAC for proper mixing and uniform distribution. It is recommended to optimize the dose level of product for the requirements depending upon furnish, mill's, operating conditions, final product etc. It is suggested to use a suitable metering pump for dosing a product to get optimum results. Normally consumption level is between 6.0 to 8.0 kgs per ton of pulp. However the consumption may vary depending on the various operating conditions of the individual mills and the final cob value maintained by individual mill.

SHELF LIFE

Recommended for use of product within 6 months. The product preferably to be stored in M.S., HDPE, and Polypropylene etc. made properly closed suitable containers. Exposure to the direct sunlight should be avoided.

VALUES OFFERED

- Highly effective for sizing of paper in acidic pH condition with alum/PAC.
- Lower rate of consumption due to higher active ingredient content.
- Saving in cost of transportation and storage requirement.
- Synergistic action by specially developed ingredients.

NOTE: Controlled pH of product helps to reduce alum/PAC consumption for adjusting the required acidic pH. R&D mandates to improve the product for which any changes are at our discretion without prior intimation.