

"CON-TROL" SUPERSIZE-50 - For sizing of paper

PRODUCT KNOWHOW

"CON-TROL" SUPERSIZE-50 is a specially modified fortified rosin soap size with higher active ingredient content for internal sizing of various grades of paper in acidic pH condition.

PROPERTIES

"CON-TROL" SUPERSIZE-50 forms aluminium-resinate when it comes in contact with aluminium joins derived from the dissociation of alum / PAC used for adjusting the required acidic pH of the pulp slurry. This aluminium-resinate gets adsorbed on the surface of fibers and imparts water repellency to the formed paper. Other specially developed constituents of **"CON-TROL" SUPERSIZE-50** improve & enhance the hydrophobic property of the resultant paper.

TECHNICAL SPECIFICATIONS

- PHYSICAL FORM : BROWN POURABLE LIQUID
- SPECIFIC GRAVITY : 1.15 ± 0.10
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- pH (AS SUCH PRODUCT) : 8.50 ± 1.0
- TOTAL SOLID CONTENT (AT $105 \pm 20c$) : $50.0 \pm 1.0\%$

APPLICATION

"CON-TROL" SUPERSIZE-50 may be used as such or in diluted form up to ratio 1:4 with water. Dilution ratio should be reduced in case diluted solution turns milky white. It 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 **"CON-TROL" SUPERSIZE-50** for the requirements depending upon furnish, mill's, operating conditions, final product etc. It is suggested to use a suitable metering pump for dosing **"CON-TROL" SUPERSIZE-50** to get optimum results.

STORAGE

Being non-corrosive liquid **"CON-TROL" SUPERSIZE-50** can be stored in M.S., HDPE, Polypropylene etc. made properly closed suitable containers.

SHELF LIFE

"CON-TROL" SUPERSIZE-50 possesses very good shelf life when stored in closed container in dry place protected from heat and moisture. However, it is recommended to use the product within 3 months from the date of its manufacture.

VALUES OFFERED

- Ready to use product thereby avoiding the cooking & preparation of mill rosin.
- 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.
- Controlled pH of product helps to reduce alum/PAC consumption for adjusting the required acidic pH

NOTE

In our endeavour to improve the product above specification can change without prior intimation.