

"CON-TROL" RICHSIZE-35 - For Sizing of paper

PRODUCT KNOWHOW

"CON-TROL" RICHSIZE-35 is a specially formulated rosin soap size available in ready to use form for internal sizing under acidic pH condition for various grades of papers.

PROPERTIES

"CON-TROL" RICHSIZE-35 results in formation of aluminium-resinate under acidic pH condition, achieved by use of aluminium compounds like alum, PAC etc. It is adsorbed on the surface of fiber and helps to improve the hydrophobicity of paper. Specially developed other ingredients of the product **"CON-TROL" RICHSIZE-35** provide the synergistic action to this phenomenon.

TECHNICAL SPECIFICATIONS

- PHYSICAL FORM : BROWN POURABLE LIQUID
- SPECIFIC GRAVITY : 1.0 ± 0.1
- pH (AS SUCH PRODUCT) : 8.50 ± 1.0
- TOTAL SOLID CONTANT (AT $105 \pm 20C$) : $35.0 \pm 1.0\%$

APPLICATION

"CON-TROL" RICHSIZE-35 may be used as such or in diluted form up to ratio of 1:3 with water. Dilution ratio should be reduced in case dilute 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" RICHSIZE-35** for the requirement depending upon furnish, mill's operating condition, final product etc. To get optimum results, it is advised to dose **"CON-TROL" RICHSIZE-35** by a suitable metering pump.

STORAGE

"CON-TROL" RICHSIZE-35 is a non-corrosive liquid and can be stored in properly closed suitable containers made of M.S., HDPE, Polypropylene etc.

SHELF LIFE

The product has very good shelf life when stored in closed container in dry area away from heat and moisture. However, it is suggested 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 internal sizing of paper in acidic pH condition with alum / PAC
- 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 may change without prior intimation.