

“CON-TROL” 2424 ‘A’

PRODUCT UTILITY

In Rainy & Winter seasons , it is usual for any Paper & Board industry, to undergo chronic problems of dimensional stability. Paper as such considered to be hydrophobic in nature tends to gain atmospheric moisture during such climatic seasons. Such climatic problems are overcome by the use and application of the product “CON-TROL” 2424 ‘A’, The formulation dispenses these occurring problems mainly in rainy and winter season. Under seasonal variation and change of geographical locations, the product is useful in bringing about uniformity and consistency of dimensional stability, add stiffness and plywood. This product is useful in the retention of the various types of dimensional stability of Paper & Board; gets absorbed in the fiber. A unique product with a blend of polyamide amine and poly amine based polymers.

PROPERTIES

- pH 3.0 to 4.0
- Ionic Nature Cationic
- Color Yellowish Liquid.
- Solubility Water Soluble
- Solids 9.0 ± 1.0%
- Shelf Life 6 months

APPLICATION OF PRODUCT

“CON-TROL” 2424 ‘A’ , a recommended product for use and application under all form of processes for normal papermaking conditions. As prescribed, the consumption of 0.2 to 0.3% of the resin provides sufficient improvement in bursting and tensile strengths including other dimensional stability of paper & board. The product can be used and applied freely and directly in the mixing chest. Besides this, other process applied can be injected with dosing pump before the head box/pressure screen etc. Use of the excessive consumption of this chemical ensures the properties of wet strength of Paper & Board.

SHELF-LIFE

The product is assured for a life of 6 months preferably for storage in the covered area to be kept at distance from heat. Exposure to the direct sunlight should be avoided.

VALUES OFFERED

- Maintains high dimensional stability of Paper & Board
- Marginal increase in various types of dry strength properties of Paper & Board
- Improves upon :
 - ✓ printability of Paper & Board
 - ✓ stiffness of Board and rattle of Paper
 - ✓ IGT and wax pick values
- In papermaking process dimensional stability and other strength properties are obtained without any curing / aging required
- Marginal improvement in first pass retention
- Increases efficiency of machine productivity
- Eliminates Fluff problem in machine
- Increases the natural hydrogen bonding between fibers

NOTE: R&D mandates to improve the product for which any changes are at our discretion without prior intimation.