

BONDING ADDITIVES FOR COATED PAPER AND THERMAL PAPER



Wax emulsions are thermodynamically unstable suspensions of small wax particles homogeneously distributed in water. They are used as additives since they are capable of providing certain properties depending on the requirements of the application and, being in liquid form, they are easily incorporated into formulations by simple mixing.



Wax emulsions are used as sizing additives for **coated paper** and **thermal paper**, both belonging to the category of **printing and writing paper**.

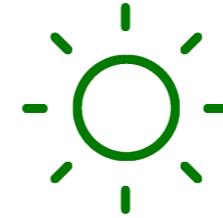
Wax emulsions



Gliding properties:
anti-adhesion
(lubrication)



Water resistance:
water repellency
(hydrophobic)



Glossy effect

CONCENTROL STAR PRODUCTS - SIZING ADDITIVES

EMULTROL CM-2469 SPL: Sizing additive especially suitable for coatings for the production of **thermal paper**. It is an anionic-nonionic aqueous emulsion of paraffin stabilized with protective colloid. It confers water-repellent properties, maintaining the dimensional stability of the paper.

EMULTROL CPM-1379: Sizing additive for the **surface treatment of paper, and mainly for coated paper**. It is an aqueous emulsion of modified paraffin of a mainly non-ionic character. In coating mixes this sizing agent gives shine and non-stickiness.