

CP88-P

Penetration Aid for Starch Glue

For corrugated cardboard adhesives

Penetration Aid is a **wetting additive** for **starch-based** corrugating adhesives. It improves starch glue **penetration** into **difficult, closed, or recycled paper** surfaces, supporting better bonding, **reduced glue waste**, and more stable corrugator performance.



Better Bonding

Improves starch glue penetration for stronger adhesion



Lower Glue Waste

Enhanced wetting reduces glue consumption



Stable Performance

Supports consistent corrugator runnability and product quality



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Helping manufacturers achieve stronger products and more sustainable operations.



When to use Penetrating Aid CP88-P



In corrugated board production, **CP88-P** is recommended as an additive to starch adhesive when using closed, highly sized, recycled, dense, or difficult-to-wet papers.



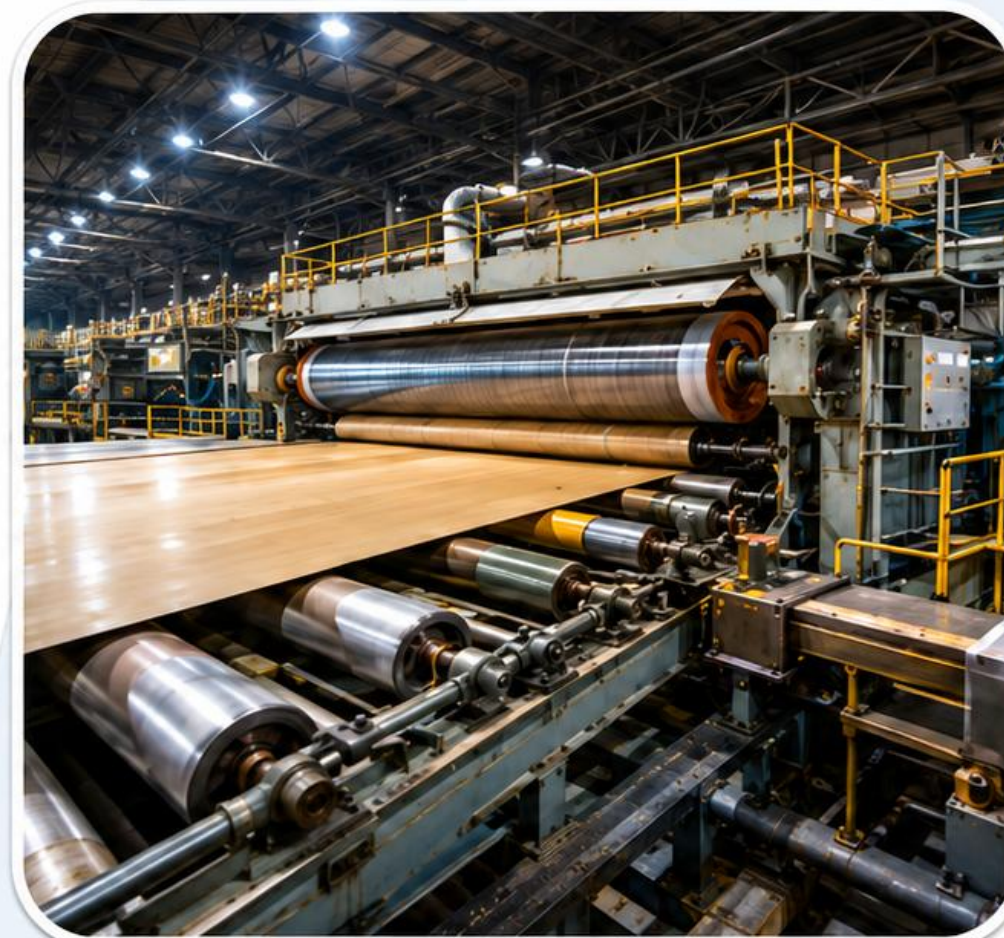
As a penetrating aid, **CP88-P** improves wetting and penetration into closed paper surfaces, supporting stronger starch-to-paper bonding.

Effect of CP88-P on Water Penetration



What it does

Function	Benefit
• Lowers surface tension of starch glue	• Better wetting of paper fibers
• Improves glue penetration	• Stronger starch-to-paper bond
• Helps with difficult liners	• Especially recycled or closed-surface paper
• May reduce glue consumption	• Better use of the applied adhesive
• Can support higher machine speed	• Fewer bonding defects if balanced correctly



Dosage



Add 1–1.5 kg of CP-88/P to 1000 kg liquid starch glue at the final stage.



If high grade Kraft liner is used the dosage can be increased to 3–4 kg/ton



In all cases trials should be run to find the optimum dosage of CP-88/P



Better Bonding

Improves Starch glue penetration to liner and flute.



Lower Glue Waste

Enhanced wetting reduces glue consumption.



Stable Performance

Supports consistent corrugator runnability and production thruput.



Minimize Delamination

Helps to reduce concerns on delamination.



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moris@dorchemicals.com