

Industrial applications of starches

Various applications, including:

- Coating
- Corrugating
- Paper making

Corrugated board

Tereos' team of experts has developed efficient and tailor-made solutions for adhesives. Tereos starches have been designed to enhance product performance in a cost-efficient way for every kind of corrugators. The company also proposes, installs and starts up starch adhesive installations for the corrugated industry.

Paper making

Tereos' range of starches can be used in different paper applications such as printing and writing, board, lightweight coated paper (LWC).

Starch is one of the best way to increase paper's dry strength and to improve its surface, its printability and its processing at a low cost. Adding starch in the size press increases strength, whilst considerably improving smoothness. In paper coating, starch provides good water retention to the coating colour which leads to improved machinability. Starch, and particularly modified starch, can also be used to reduce the total cost of coating formulations by replacing part of the latex.

Quality	Raw material	Type	Tereos product
Industrial	Wheat	Native starches	Amyzet 200 series
		Modified starches	Mylobond 200 series
	Corn	Native starches	Meritena 100 series Amyzet 100 series
		Modified starches	Mylobond 100 series Mylofilm 100 series
	Potatoes	Native starches	Meritena 400