

Quality Polymers



MANUFACTURED IN THE USA



30 Years of Innovation!

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# RANTEC H3200™

## PRODUCT DESCRIPTION

**Rantec's H3200** cellulose-based natural polymer is a suitable replacement for guar gum in many applications.

**H3200** is specifically formulated to be highly dispersible, easy to mix and quick to yield maximum viscosity. H3200's rapid viscosity build up makes it the ultimate real-time construction fluid.

**H3200**'s ability to shear thin allows for reduced pumping energy without degradation under shear stress.

**H3200** does not require a preservative for most construction fluids. It may be broken to 31 MFs with LEB-4™ or LEB-H™ enzymes and then allowed to biodegrade. Alternatively, **H3200** may be broken with bleach to 27 MFs. Add bleach at a dose of 300 to 500 ppm active chlorine. Breakdown components are carbon dioxide and water.

## MIXING

**H3200** should be dispersed with a standard mixing educator. For fastest yield mix thoroughly in the batch tank and add soda ash, adjusting the pH between 9.5 and 10.5.



**2' x 25' Biopolymer Trench**

## VISCOSITY WITH CONCENTRATION H3200 VS GUAR GUM



