

## *YD-GR32 (Gypsum Retarder)*

### **Product Description**

YD-GR32 is a modified amino acid-based highly efficient gypsum retardant. It can effectively prevent the accelerating effect of dihydrate gypsum and is suitable for alkaline formulations that contain slaked lime and cement. The dosage of YD-GR32 in the formula has a linear relationship with the retardation time, which is beneficial for controlling the setting time of gypsum.

### **Product Specification**

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|---------------------|---------------------------------|
| ➤ Appearance:       | Pale yellow or pale gray powder |
| ➤ Particle size:    | <300um(60 mesh): min 95%        |
| ➤ Moisture content: | max.4%                          |
| ➤ Bulk density:     | 650 -850 g/l                    |

### **Application and properties**

- ✧ Excellent retarding effect with low dosage
- ✧ Good adaptability to different types of gypsum
- ✧ Odorless, non-toxic, green and friendly to environment with stable performance
- ✧ The specific dosage should be determined through experiments. Generally, it is 0.05% to 0.3% of the amount of calcined gypsum in the formula.

### **Packaging and Storage**

- YD-GR32 is supplied in multi-ply paper bags with polyethylene intermediate layer, containing 25 kgs.
- YD-GR32 has a long shelf life (1 years) stored in dry, normal temperature condition and no direct sun shine.