

## ADGEL® SDSF-810

**ADGEL SDSF-810** is a modified Guar gum specially developed and recommended for construction applications. It improves the performance when typically applied in Cement based wall putty, Cement-Gypsum based plasters, Cement-Gypsum based crack fillers, Cement based texture plasters, flooring and leveling compounds.

### Basic Technical data:

<i>Constitution</i>	<i>Modified Guar Gum</i>
<i>Appearance of the powder</i>	<i>Free flowing Creamish powder</i>
<i>Ionic Nature</i>	<i>Non-ionic</i>
<i>pH of 10 % solution</i>	<i>6.5 -7.5</i>
<i>Moisture</i>	<i>≤ 10 %</i>
<i>Viscosity* of 10 % solution</i>	<i>8,000 – 12,000 cps</i>

Viscosity\*: Viscosity of the Std. solution is measured by Brookfield Viscometer, model RVF, with spindle no. 6 ,20 rpm @ 25°C.

**Applications:** **ADGEL SDSF-810** gives best consistency and water retention property for construction applications. It allows the mixture to maintain the water level inside final mixture that improves the open time in different construction quality mixtures. **ADGEL SDSF-810** can also be used in combination of Cellulose ethers products.

**Preparation Method:** **ADGEL SDSF-810** is cold water soluble and easily converted in to transparent paste form in short period of time. In a well cleaned container, take 90 liters of soft water and add 10 kg **ADGEL SDSF-810** powder during stirring condition. Mix it well till to form a uniform paste solution. **ADGEL SDSF-810** powder can also be used directly in dry mixture formulations with suitable dosages.

### Advantages :

*Easily soluble in cold water, Better Rheological properties, Enhance the workability in Gypsum based dry mixtures, Improve the adhesion strength and open time in final mixtures, work as better anti-sagging and easy applications, Cost effective formulations., Eco-friendly.*

**Compatibility:** Compatible with most of the chemicals normally used in construction chemicals. It is not advisable to mix the product with gum Arabic and Crystal gum. It coagulates with borate and tannin.

**Shelf Life:** 12 months.

**Packing:** 25.0 kg white/brown paper bag with one PE liner inside.

**Note :** Above information is best of our knowledge and can be used for guideline only. Customer need to test their own and accordingly to their suitability, use and processing. We take no guarantee or warrantee for any loss caused by use, handling or processing of our product.

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