

TECHNICAL DATA SHEET

AKULCEL – HPMC 150000

PRODUCT DESCRIPTION:

Hydroxy propyl methyl Cellulose, which is designed to enhance the quality and processing characteristics of construction materials such as tile adhesives and dry mix mortar, plasters, ceramic etc. excellent water retention of allows the cement to have a longer time to hydrate and improve the adhesion of the mortar to the substrate it can increase good workability impact resistance, and shear strength.

The thickening effect of HPMC can control the mortar to achieve the best consistency, improve the cohesion of the mortar. It delayed solubility Reduction in water demand in drymix mortar hence increases strength or reduces cement content.

PROPERTIES

Good Water retention enhances workability

Open time.

Slip Resistance

Provides good impact resistance

Good Water retention enhances workability

APPLICATION

AKULCEL- HPMC 150000 was specially designed for cement based applications

Cement based tiles adhesives,

Skim coats/wall putty

Plasters/ render,

External thermal insulation system.

TECHNICAL SPECIFICATION:

Test	Result
Moisture Content	5%
Solid Content	95%
Bulk Density	0.4gm/cc
Color	off white
Viscosity 2% Solution Brookfield	55000 mPa's
Viscosity 2% Solution NDJ	150000 - 175000 mPa's
Solubility	Soluble in water

STORAGE:

AKULCEL- HPMC 150000 should be stored in a cool place and protected against moisture. Since the product is thermoplastic, it should not be subjected to pressure or high temperatures during storage.

SHELF LIFE

Storage time should not exceed 12 months from receipt of deliver

PACKING:

AKULCEL- HPMC 150000 available in 25 kg Bag.

