



**S. MOCHAN INDUSTRIES**

Ahmedabad, GUJARAT.

## **BSM-999 MODIFIED CELLULOSE**

BSM-999 is a single component adhesive used as a raw material for wall putty, tile adhesive. It is a replacement for RD powder and MHEC. It is cost effective and will enhance the quality of wall putty. We do provide the formulation of wall putty and tile adhesive.

### **Specifications:**

Physical Form:	White Powder
Chemical Character:	Modified Cellulose
Product Type:	Natural Based Polymer.
PH in Aqueous Solution:	6.5-8.5
Viscosity:	70,000-80,000
Bio-Based:	No
Anionic Character:	Non-ionic
Odor:	No

### **APPLICATION RANGE:**

- Cement Based Wall Putty
- Tile Adhesive
- Dry Mixed Plastering Mortars

### **General Information on Wall Putty:**

The control of water retention, flow and binding properties of wall putty paste is of great importance. The surface quality of finished wall with wall-putty is decisively controlled by the rheological behavior of the wall putty paste and method of its application.

Binder based on vinyl acetate ethylene copolymer such as redispersible Polymer powder (RDP) is employed to endow the wall putty paste for early internal adhesion which must lead to the internal strength with flexibility.

Polymers like MHEC (Methyl hydroxyl Ethyl Cellulose) are also employed to endow the wall putty paste for facilitating properties like water-retention, adhesion etc but it also contributes for unwanted higher cost as most of the properties are also exhibited by RDP.

**BSM-999** is multi-functional cement additive which is formulated based on the above said aspects to optimize the wall putty paste properties and to improve the quality by excellent workability, improved water-retention cap, increased flexibility for nil crack formations with water proofing and **no effect of mixing time & temperature rise during mixing and no need to use expensive RDP or even HPMC/MHEC.**

#### **Formulation No.1 for 1000 Kg Wall putty (Skim Coat):-**

First part :

400 KG DOLOMITE  
50 KG Lime ( 90%)  
50 KG CEMENT  
15 Kg BSM - 999

Mix it for 20 minutes

Second part:-

500 KG Dolomite

Mix for 40 minutes

#### **Formulation No.2 for 1000 Kg Wall putty (Skim Coat):-**

1st part:

100 KG Hydrated lime(90%)  
400 KG Dolomite  
15 KG BSM~999

MIX IT FOR 30 min

2nd part:

500 KG DOLOMITE

Mix it for 30 minutes

We have suggested both formulations and minimum dosages but customer can produce his product as per his convenience, raw material availability and formulation knowledge.

Usage: 1.5% on the total dry mix weight.

Storage condition: Dry, Cool, intact and ventilated.

Self Life: 2 Years from the Date of manufacturing

Packing—25 kg Paper laminated HDPE Bags with LDPE Liner.

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