

## Technical Data Sheet Smart Morta Care

# SMART MORTA CARE

Cement  
ad-mixture  
that  
Makes  
your  
investment  
worthy

## PRODUCT OVERVIEW

Smart Morta Care is a chemical admixture that is to be added to concrete mixtures to improve workability and strength by helping the cement to react and cure fully. Unless the mixture is "starved" of water, the strength of concrete is inversely proportional to the amount of water added or water-cement (w/c) ratio. In order to produce stronger concrete, less water is to be added, which makes the concrete mixture less workable and difficult to mix, necessitating the use of Smart Morta Care for good workability.

### TECHNICAL SPECIFICATION

**Properties :** Improves Work ability, Water Reducer, Improves Strength, Reduces Surface Erosion, Fast Curing, Reduces Surface Cracks

**Viscosity :** 14.45 sec ; **Colour/Appearance :** Tan Brown ; **Density :** 1.21Kg/Ltr; **Dosage :** 2% of Water @ 25°C;

**Water Permeability :** Negligible; **Storage & Pot Life :** 36 months (Store Between 10°C to 35°C);

PRODUCT BENEFITS	PACKING
 Erosion Free Wall  Good Workability  Fast Curing	<ul style="list-style-type: none"><li>■ 20 Ltr.</li><li>■ 5 Ltr.</li><li>■ 1 Ltr.</li><li>■ 500 MI.</li><li>■ 200 MI.</li></ul>  <p>Shelf life : 3years from the date of manufacture in original tight closed containers &amp; to be stored away from direct sunlight and excessive heat.</p>

### APPLICATION PROCEDURES

#### PROCESS OF APPLYING

- » Add **Smart Morta Care** 2% in water (eg. add 4 ltr. of Smart Morta Care in 200 ltrs. of water)  
Or
- » Add 400 to 500 MI of **Smart Morta Care** in cement Mortar of one bag cement. (50 Kg. Bag)
- » Stir it thoroughly before use.
- » Use this chemically prepared water for preparing mortar/plaster.

#### Product Mixing Ratio (by volume)

Single pack

#### Thinner / Cleaning Solvent

Water

#### Caution

The applicators and operators must be trained, experienced and have the understanding and equipment to mix/stir and apply the coatings correctly and according to Nushar technical protocol. Applicators and operators shall use appropriate personal protection when using these products.

#### Health and safety

Please study the safety precautions mentioned on the container. Apply the products under well ventilated conditions. Ensure that spray mist is not inhaled and skin contact with the product should be avoided. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. If the eyes feel any burning sensation then they should be flushed with ample water and the Doctor should be immediately consulted.

**Note: We do not undertake any legal obligation for the product as its proper application is equally important. We accept no legal responsibility for the work done even by trained applicators as we have no control over what they are actually doing on the site. The consumer has to first satisfy himself/herself by observing work done by us & by visiting our display gallery.**

All subject to the jurisdiction of courts in Jodhpur, Rajasthan.

**Note : The Product material can be renewed by the company for the betterment at anytime without any notice/information.**