



The tile adhesive **NDB 220** is extremely versatile and may be used for both indoor and outdoor projects, as well as for basements and swimming pools. NDB 220 can be used to adhere most types of tiles. According to NDB 220, tiles can be utilized in both dry and wet situations. Examples include porcelain, marble, granite, ceramic, glass, and many other types of tiles. Easily be applied using the application spectrum as defined by BS EN 5385-1.

### **ADVANTAGES**

- Crack resistant.
- Salt free mix.
- Excellent workability.
- Longer Time Open.
- Longer adjustment time.
- High bond strength.
- Waterproof.

### **SURFACE PREPARATION**

Prior to application, the surface must be cleansed of all loose debris and grease. The surface may be moistened with potable water under hot weather circumstances. It is possible to apply cementitious materials to a variety of surfaces, including block work, concrete, and rough plastered surfaces. Before tiling can be installed, the surface needs to be appropriately aged (at least Seven days for newly erected masonry surfaces and freshly plastered surfaces). Additionally, it is advised against tiling over expansion joints and instead to treat them properly. Prior to applying NDB 220, highly absorbent surfaces should be moistened. Before installing the tiles, any damaged or unstable surfaces need to be fixed. Additionally, it's critical to make sure there isn't any dust.

### **PRODUCT PREPARATION**

Water must be measured ahead of time according to the amount of the item being used. The mortar powder should be poured on top of the water to avoid the substance from sinking to the bottom of the mixing container. The mixing vessel must be sanitized, non-corrosive, and clean. In order to blend, only use potable water. It is also suggested that the material be mechanically mixed using a mortar and pestle or other mechanical mixing methods in order to create a consistent, lump-free mix.



Plot # MB-83 Mehran Town, Korangi Industrial Area Karachi, Pakistan



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(+92) 314 9689443



## **APPLICATION**

Water must be measured in advance according to the volume of the item being used. The mortar powder should be put over the water in the mixing bowl to prevent it from sinking to the bottom. The mixing container should be clean, non-corrosive, and uncontaminated. Use only potable water while mixing. It is also suggested to mechanically combine the ingredients using a mortar and pestle or other mechanical mixing methods to guarantee a consistent, lump-free combination.

## **TECHNICAL DATA**

Appearance	Gray Powder
Composition	Contains additives to increase consistency, workability, and durability along with cement and chosen aggregates.
Maximum aggregate size	0.6mm
*Water application	25% ± 5%
*Pull off strength	0.6 N / mm <sup>2</sup> @ 28 days (Tested as per BS EN 138)
*Slip Test	0.1mm (Tested as per BS EN 1308)
*Water Retention	99.40%
*Approximate Yield / Coverage	0.78m <sup>3</sup> /T

\*Typical results under laboratory conditions  
These results comply with BS EN 12004 Type C Class 1F

## **SHELF LIFE**

NDB 220 has a 12-month shelf life under dry, protected conditions after the date of production.

## **PACKAGING**

NDB 220 is available in 20 KG Bags.

## **HEALTH AND SAFETY**

The transportability of NDB 220 is regarded to be risk-free. Keep bags and containers from being reused, and dispose of them in accordance with local regulations. Gloves and the proper masks can be worn when applying. Please refer to the MSDS for more information on the product's health and safety.



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