

Teba Adecuad N

Integral waterproofing admixture for concrete

DESCRIPTION:

Teba Adecuad N is a chloride free integral waterproofing admixture in powder form based on a blend of hydrophobic materials; which mixed together form a matrix of insoluble, water resistant material within the cement paste.

The plasticizers in **Teba Adecuad N** improve the effectiveness of water in the concrete and sand: cement mix, enabling desired levels of workability to be obtained with lower water contents.

This produces a mix with a reduced water: cement ratio and therefore reduced permeability.

USES:

Teba Adecuad N is used in:

- ❖ Structural and precast concrete.
- ❖ Sand: Cement Renders.
- ❖ Floor screeds.
- ❖ Mortars and plasters.

ADANTAGES:

- ❖ Allows a reduction in mix water content to be made without affecting workability, so reducing permeability.
- ❖ Provides integral protection, ensuring reduced permeability throughout the concrete and mortars.
- ❖ Integral protection is maintained even if surface damage occurs, unlike applied surface films or coatings.
- ❖ Lower water: cement ratio improves compressive strength at the same workability.
- ❖ Suitable for use in the Middle East and Arabian area conditions.

TECHNICAL PROPERTIES:

Appearance	White powder
Chloride content (BS 5075)	Nil
Dose	0.5 lit / 100 kg cement
Density	1.09 kg/m3

COMBATIBILITY:

COBATIBILTY WITH CEMENT:

Compatible with all types of Portland cements and cement replacement materials such as microsilica.

COBATIBILTY WITH OTHER ADMIXTURES:

Teba Adecuad N can be used with other **Teba admixtures** in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE:

Spread the 1-kg bag over cement and aggregates.

Usual mixture proportions shall be respected.

Example for mortar: 1 part of cement for 3 parts of clean and selected sand. Do not pre-dissolve it in the mixing water.

Add the quantity of water required and mix well.

Apply your mortar on a well-prepared substrate: clean, free from dust and all traces of oil or laitance.



Few hours before apply, dampen the support.

USE AT OTHER DOSAGES:

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision is available.
Compliance with requirements must be assessed through trial mixes.

EFFECT OF OVERDOSING:

An overdose of double the intended amount **Teba Adecuad N** may result in increased retardation and workability.

DISPENSING:

The correct quantity of **Teba Adecuad N** should be measured by means of a suitably accurate device; and then added to the concrete during the mixing process either by hand, or mechanically.

CURING:

As with all structural concrete, the surface must be cured immediately after drying by water spray, wet hessian or one of the **TebaCuring Products**.

LIMITATIONS:

The use of **Teba Adecuad N** will not make poor quality concrete waterproof.
Good concrete practice must be followed at all times.
Well graded aggregates must be used and a minimum cement content of 300kg/m³ is usually recommended.
Adequate water stops must be provided between lifts of concrete and floor bays.

CLEANING:

Spillages of **Teba Adecuad N** should be removed by water.
The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

PACKAGING:

Available in 1 Kg bags.

STORAGE & SHELF-LIFE:

Approx. 12 months provided the temperature is kept within the range of 2°C to 35°C and the product is kept in a dry store in the original unopened packaging.

HEALTH AND SAFETY:

Teba Adecuad N is mildly alkaline and should not be swallowed or allowed to come into contact with skin and eyes.
Wear suitable protective gloves and goggles.
Splashes on the skin should be washed immediately with water.
In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
If swallowed seek medical attention immediately "do not induce vomiting"

FIRE:

Teba Adecuad N is nonflammable.