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dura.®proof cem block

POWDERED WATERPROOFING ADMIXTURE FOR PLASTERS AND MORTARS

DESCRIPTION

dura.®proof cem block is a powdered waterproofing admixture that when added to Portland cement plaster or mortar mixes obstructs the capillaries and restricts moisture movement.

USES

dura.®proof cem block is used in Portland cement/sand mixtures to waterproof plaster and mortar in the following applications:

- Floor screeds
- Rendering facades
- Plastering walls
- Brick and block mortar.

ADVANTAGES

- Enhances the waterproofing properties of the plaster/mortar.
- Does not modify the characteristics of the plaster/mortar.
- Does not affect the compressive strengths of the plaster/ mortar.
- Chloride free.
- Vapour permeable.
- Economical.
- Easy-to-use powder admixture.

APPLICATION

CAUTIONARY NOTE:

dura.®proof cem block is added to the plaster/mortar during the mixing phase. Ensure that the **dura.®proof cem block** when added to the plaster/mortar during the mixing phase, is thoroughly mixed/dispersed in order to obtain optimum performance. Do not re-temper the mix by adding additional water when the workability has been lost, rather discard the mixture and mix a fresh batch.

TYPICAL PROPERTIES

Form	Free flowing powder
Colour	Grey
Water ingress	>90% reduction
Recommended dosage rate	1 kg/50 kg of cement (2% by mass of cement)

PROTECTION ON COMPLETION

The newly applied plaster/mortar must be kept damp for at least five days to promote good curing in order to obtain the required strength and durability.

TEMPERATURE AND RELATIVE HUMIDITY

Do not apply plaster/mortar if temperature is below 5°C.

PRECAUTIONS

The **dura.®proof cem block** is not a substitute or will not improve poor plaster/mortar mix, aggregate or grading and mix design or incorrect cement water ratio and curing regime's used. It is imperative that the **dura.®proof cem block** is thoroughly mixed/dispersed into the plaster/mortar mix in order to obtain good waterproofing properties.

MODEL SPECIFICATION

A chloride free, powdered waterproofing additive to improve the waterproofing qualities of a plaster or mortar. The additive will be **dura.®proof cem block**, a chloride free, powdered waterproofing admixture applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

CURING

The newly applied plaster/mortar must be kept damp for at least five days to promote good curing or apply **dura.®bond GP** at a rate of 5 m²/litre as soon as the surface will not be marred.

PACKAGING

dura.®proof cem block is supplied in 1 kg pouches.

CLEANING

Use water for cleaning before setting, whilst hardened material will have to be mechanically removed.

HANDLING & STORAGE

dura.®proof cem block has a shelf life of 12 months if kept in a dry, cool store in the original, unopened packs. If stored at high temperatures and/or high humidity conditions, the shelf life may be reduced.

HEALTH & SAFETY

Avoid inhalation of dust and contact with skin and eyes. Suitable protective clothing, gloves, eye protection and respiratory protective equipment should be worn. The use of barrier creams provides additional skin protection. If contact with skin occurs, wash with water and soap. Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavors to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in flooring and concrete technology.

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