



a.b.e.[®] Construction Chemicals **abe.[®]rep 710**

POLYMER-MODIFIED CEMENTITIOUS FLOOR REPAIR MORTAR

DESCRIPTION

Two-part polymer-modified cement system for permanent, thin concrete repairs.

USES

- Levelling or smoothing rough or worn concrete.
- Floor patching concrete repair up to 6mm (do not feather-edge).
- Floor underlayment.
- Flooring for light traffic.

ADVANTAGES

- Self-bonding and no curing required.
- No priming necessary.
- Used on concrete substrates.
- Interior or exterior use.
- Extremely workable.
- Can be used above and below grade.
- Similar in colour to concrete.

SURFACE PREPARATION

abe.[®]rep 710 latex cement has been formulated to allow a thin, hard cementitious coating over concrete and masonry that requires levelling.

A sound base is essential for good repairs. Remove all oil, grease, dirt and disintegrated or unsound concrete from the areas to be repaired.

Surface preparation: The substrate must be dry before application

Electronic moisture content tests must be conducted prior to application of the priming system. Maximum moisture 4-5% max. (eg Protimeter Survey Master or equivalent) or

Dynamic Calcium Chloride moisture "weight gain" over 24 hours or (a practical overnight "plastic sheet test" is also advisable approx. 1m² masked down on surface)

PROPERTIES

Water resistant and anti dusting

BONDING/PRIMING

Self priming.

MIXING

Place the **abe.[®]rep 710** latex cement in a clean container. Add the liquid component and thoroughly mix to a smooth workable consistency. Mix only the quantity that can be placed in 20 minutes.

COVERAGE

25kg of **abe.[®]rep 710** latex cement mixed with 4.5 litres of the liquid component yields approximately 15 litres. Contents cover 3m² at 5mm depth.

APPLICATION

Work the product firmly into the cleaned surface, eliminate air pockets to provide a good bond.

Screed and float **abe.[®]rep 710** latex cement into place, work quickly and use light pressure.

Delay trowelling until surface has begun to harden. Not more than 6mm thick and provide a square cut edge for finish joint.

NOTE: Do not mix **abe.[®]rep 710** latex cement with water or add any fillers.

CLEANING

abe.[®] super brush cleaner before dried/cured.

PROTECTION ON COMPLETION

Against traffic and spillage until cured.

TEMPERATURE AND HUMIDITY

Due to thin section and polymer modification the product is relatively fast-setting and not affected.

MODEL SPECIFICATION

Polymer modified two component mortar for concrete patching and floor repairs.

The repair mortar shall be **abe.®rep 710**, a polymer modified two component mortar applied in accordance with the manufacturers recommendations, **a.b.e.® Construction Chemicals**.

PACKAGING

Moisture resistant woven polyethylene bags containing 25kg of **abe.®rep 710** latex cement and 4.5 litres of the liquid component.

HANDLING & STORAGE

This product has a shelf life of 12 months if kept in a dry cool place under cover in the original packaging. In more extreme conditions this period might be shortened.

HEALTH & SAFETY

abe.®rep 710 is alkaline and should not be allowed contact with skin and eyes. Avoid inhalation of dust during mixing by wearing dust masks. The use of gloves, eye protection and dust masks is advised. Immediately wash with water in the event of contact with skin. Splashes into eyes should also be washed immediately with plenty of clean water and medical advice sought thereafter.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours 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 building and construction technology.



a.b.e.® is an ISO 9001:2008 registered company
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