



a.b.e.[®] Construction Chemicals **abe[®] plastergrip**

PLASTER ADHESIVE/MORTAR AND SCREED IMPROVER

DESCRIPTION

abe[®] plastergrip is a blend of synthetic polymers and additives.

USES

Designed specifically to enhance the bond of cement screeds or renderings and gypsum plaster skim coats to clean, sound surfaces of concrete, masonry, brickwork, and most other common building materials. Surfaces already painted with PVA or acrylic coatings can also be rendered using **abe[®] plastergrip** as a bonding agent, provided that the existing coating is sound and firmly adherent. Improves tensile and flexural strengths of sand/cement mixes thus permitting thinner than usual layers.

ADVANTAGES

- Improves non-structural bond of cement screeds, renders and gypsum plasters.
- Bonds to sound PVA/acrylic surfaces.
- Good spread rate.
- Economical.
- Easy to apply.

SURFACE PREPARATION

All surfaces should be clean, sound and free from contamination, laitance, loose particles. Spalling or flaking material must be removed by thorough wire brushing followed by the removal of debris by means of a soft brush. Suspect surfaces may be mechanically keyed down to virgin surfaces (randomly), which will ensure good bonding.

MIXING

Stir well before use.

COVERAGE

10 – 15 m²/L dependent upon surface texture and porosity.

TYPICAL PHYSICAL PROPERTIES

| | |
|-------------|------------------------|
| Toxicity | Non-toxic |
| Appearance | Milky white liquid |
| Density | 1,02 g/cm ³ |
| Flash point | Does not flash |

APPLICATION

- Horizontal surfaces – i.e., bonding new screeds to existing floors: Apply the **abe[®] plastergrip** to the prepared surface by means of a brush or roller and apply screed immediately onto the wet **abe[®] plastergrip**. Finished screeds must be cured in the normal manner.
- Vertical or overhead surfaces: for the rendering of walls, ceilings, columns and beams, the cleaned surface should be coated with **abe[®] plastergrip** and a scratch coat of plaster applied whilst the **abe[®] plastergrip** is still wet. As soon as the scratch coat is firmly set, the rendering may be built up to the required thickness with fresh plaster.
- Gypsum plaster skim coats: the gypsum plaster should be applied to the wet **abe[®] plastergrip** and finished off in a single operation.
- Integral mix i.e. screed flexibiliser: substitute approximately 25% of gauging water with **abe[®] plastergrip**.

CRACK REPAIRS

Mix one part of **plastergrip** with one part of fresh OPC and trowel into the pre-cleaned cracks. The consistency of the slurry may be adjusted by small extra additions of OPC or clean water, as required.

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe[®] super brush cleaner** followed by washing with soap and water.

PROTECTION ON COMPLETION

The newly applied mortar/screed or plaster must be kept damp for at least five days to promote good curing.

MODEL SPECIFICATION

Synthetic co-polymer bonding liquid for plaster.

The bonding liquid will be **abe® plastergrip**, a one-component synthetic co-polymer compound applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

PACKAGING

abe® plastergrip is supplied in 5 L, 25 L and 200 L containers.

HANDLING & STORAGE

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

HEALTH & SAFETY

Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought.

Cured **abe® plastergrip** is inert and harmless.

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 building and construction technology.



a.b.e.® is an ISO 9001:2008 registered company
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CONSTRUCTION MATERIALS INDUSTRY
DATE UPDATED: 18/10/12