

# Key Bond

**Samson Key Bond** is a water based alkali resistant solution offering superior penetrating and binding properties as a sealer on distempered surfaces.

Colour: Clear

## PRODUCT USES

- Primer coat for renderings and toppings.
- Primer for floor repairs and self leveling screeds.
- Waterproofing for tile grout
- Bonding mortars for construction joints
- Cohesion enhancer in general mortar mixes and screeds.

## ADVANTAGES

- Alkali-resistant.
- Increases substrate tensile strength.
- Increases mortar cohesion and adherence.
- Improves abrasion resistance.
- Reduces hairline cracking and shrinkage.
- Non-toxic.

## COVERAGE

- Approximately 8-10m<sup>2</sup> per litre.
- This is a guide only and depends on substrate porosity and profile as well as technique and tools used.

## SURFACE PREPARATION

Using either wire brushing or high-pressure cleaning ensure all surfaces are properly prepared and thoroughly clean, sound, dry and free from any contaminants such as dirt, salt, algae, oil, grease and loose, flaking paint. Remove mildew stains with Samson FungiVanish.

## MIXING:

Samson Key Bond is ready to use and should not be diluted with water. Shake before use to ensure solution properly mixed.

In plaster mix – replace 10% of the water content with Samson Key Bond.

*For example, 1 part cement (5kg): 5 parts sand (25kg): 1 part water (5kg/l) of which 500ml is Samson Key Bond*

**APPLICATION**

- Apply using brush or roller.
- Spread evenly and avoid ponding of product.
- Coating should not be allowed to dry before placement of toppings or coatings.
  
- Important – newly applied mortar / screed or plaster must be kept damp for at least 5 days to promote good curing.

**CLEANING**

Clean tools, brushes and mixing equipment while still wet using suitable brush cleaner followed by soap and water.

**IMPORTANT**

- Keep original packaging tightly sealed and store in dry cool place.
- Do not apply if rain is imminent.
- Do not apply if temperature is below 10°C.

**SAFETY PRECAUTIONS**

Samson Key Bond should not be ingested. The use of gloves and goggles is advised. Splashes into the eyes should be washed immediately with plenty of water. Seek medical advice. Keep out of reach of children.

**TECHNICAL DATA**

- |                           |  |
|---------------------------|--|
| • Pack size               | 5 litre and 20 litre buckets               |
| • Touch dry               | 1 hours                                    |
| • Hard Dry                | 4 hours                                    |
| • Overcoating             | For water based topcoats 4 hours to 7 days |
| • Application temperature | 20°C to 40°C                               |
| • Fire hazard             | None                                       |
| • Shelf life              | 6 months (dependent on storage conditions) |
| • Storage                 | Cool, dry area below 25°C                  |
- Properties listed above are for guidance only and not a guarantee on performance.

Technical details above are provided in good faith. Our products are manufactured under ISO9001:2015 specification and standards using raw materials of superior quality. Consequently, we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control, we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use.

Updated: January 2019 (this supersedes all previous publications)