

Ultimate Pro SBR Admixture Information Sheet



Description

SkilledBuild Ultimate Pro SBR Admixture is an advanced formulation Styrene Butadiene Copolymer Latex which is highly concentrated for economy in use. In fact, our premium grade SBR is up to 50% more concentrated than a typical Builders Merchant's product and dilution rates can be adjusted to suit usage.

Pro SBR can be used as a superior priming agent for both porous surfaces including masonry, plaster, cementitious screeds, timber and vinyl and is used extensively by plasterers, floor layers, tillers and in general building works.

When added to mixes Pro SBR improves the qualities of workability of flexible adhesive, tensile strength, water resistance, chemical resistance, abrasive resistance and ability to be trowelled to feather edge whilst reducing shrinkage and cracking of the dried finish. These outstanding properties are making SKilledBuild Ultimate Pro SBR an increasingly popular choice over PVA products.

Put simply, if you have a tough job to do then this product will make it easier and provide you with better results.

Areas of Use

- For improving a mortar's, render's or floor screed's abrasion and chemical resistance.
- Waterproofing and tanking. It provides protection during continued or intermittent water contact. Suitable for both external and internal use.
- Key coat applications to substrates with a low porosity.
- For repair patching of concrete and cement screeds, to improve adhesion and flexibility of screeds.
- External Rendering.
- Fixing brick slips and tiles.
- Corrosion protection of steel and silage pit lining and protection.

Directions for use:

Preparation:

- All surfaces must be sound, clean, and free from dust, grease, oil and loose materials.
- When repairing spalled or damaged concrete, ensure that the concrete has been cut back to thoroughly sound material.
- Surfaces with high suction should be thoroughly dampened before application.
- Any excess water should be removed from the surface before application.
- Sands used in the mixes should be well graded, clean, sharp sands, and conform to the appropriate British standards.

Mixing:

- Pro SBR is dilutable in clean water.
- Add Pro SBR to mixes before all water is added or pre-dilute into the gauging water.

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Key Benefits

- Suitable for use in damp conditions.
- Imports high water/salt resistance when incorporated in admix.
- Increased durability and toughness.
- Improves resistance to abrasion, frost, chemicals and mineral oils.
- Improves workability and cohesion.
- Greatly increases flexural and tensile strength. Provides reduced shrinkage and cracking.
- Prevents bleeding and lowers water – cement ratio.
- Excellent adhesion to steel and concrete. Sticks well to brick, glass, asphalt, wood, expanded polystyrene etc.
- Improved adhesion and bonding.

Product Data

Appearance: Milky White Liquid

Coverage:

Flooring: 5 litres SBR for every 25 kgs cement.

Mortar/Rendering: 5-7.5l SBR for every 25kgs cement.

Key Coat: 5 litres SBR per 30m² depending on porosity.

Shelf Life: Up to 24 months when stored according to manufacturers instructions.

Storage: Store in cool, dry conditions between +5 and +30°C (41-86°F). Protect from frost, high temperatures and direct sunlight. Keep out of reach of children and always store in original labelled container.

- Mix well.
- **General priming/sealing gaps and screed etc.**
Dilute 1 part Pro SBR to 4 parts water depending on porosity of substrate. Reduce water ration for less porous materials.
- **Admixture for cementitious Mortars.**
Add 2 to 5 Litres of undiluted Pro SBR per 25kg of cement used to make the mortar. Higher volumes of Pro SBR will enhance all the additives properties.
- **Priming of wood/vinyl/non porous surfaces.**
Brush on neat – allow to fully dry. Apply a 2nd coat 1 part Pro SBR to 4 parts water. Apply top coat or render when 2nd coat becomes ‘tacky’.
- **For use with HydroBloc+ Tanking Slurry.**
When fixing cracks and defects before applying the Tanking Slurry the cracks will need to be raked out and repaired using 3:1 (builders sand: cement) mortar. When carrying this out use SBR to prime surfaces and as an additive to the mortar mix.
- **Plastering or Rendering over Tanking Slurry.**
Remedial plaster systems may be used over this product provided an intermediate bonding compound is employed. Dilute SBR with an equal volume of water and apply to the cured tanking slurry. Allow the SBR coat to dry to ‘tacky’, but not fully dry and plaster immediately.
Where cement rendering is required over the finished tanking system, brush or trowel on a bonding slurry mixed 2 parts sand: 1 part cement : 1 part SBR (by weight). Add water as required and mix. Apply the bonding slurry to the tanking and trowel on the first render coat before the slurry dries.

Limitations

Protect from freezing. Do not use with cements other than OPC without first contacting the cement supplier. Do not use chloride based frost proofers with SKILLED BUILD SBR. Do not over mix mortar/render.

Safety

- Avoid eye contact. In the event of contact irrigate eyes immediately with plenty of cold, clean water for 15 minutes and seek medical attention.



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Important Information

SkilledBuild is committed to development and supply of quality products and may substitute or change product branding or specification or technical data without notice. Always check for latest information.

All information provided is based on practical tests & published data and is intended to guide a competent DIY user or contractor in the typical use of products for minor works but is without guarantee. If a failure of the works will be costly to repair or hazardous then design & execution must be undertaken by competent persons. Further advice should be sought from a suitably qualified advisor. Skilled Build may be able to answer simple product enquiries.

Since application and working and user competence is beyond our control, no liability of the supplier can be derived from the contents of information sheets or other general information provided. Any statements made beyond the contents of SkilledBuild's website or product labels must be confirmed in writing by the supplier.

- Avoid prolonged contact with skin. Wear wellington boots, protective clothing and gloves.
- Do not ingest. In the event of ingestion, do not induce vomiting, drink plenty of water and seek medical attention.
- Thoroughly wash hands with soap and water after use.
- Keep out of reach of children.
- Some people are more sensitive to chemical products than others. If irritation occurs discontinue use.
- See separate material safety data sheet for full handling, use and storage.