

DESCRIPTION

TamSeal SBR-e is a liquid, water-based high solids styrene butadiene polymer latex with high bonding and waterproofing characteristics. It is stable under wet alkaline conditions forming a reinforcing polymer matrix within cementitious mixes.

KEY BENEFITS

- > Reduces water demand
- > Improves workability & durability
- > Improves adhesion of concrete with substrate
- > Ease of application
- > Anionic dispersion
- > Provides excellent water impermeability
- > Enhances mechanical properties of repair mortars
- > Improves flexibility & toughness

TYPICAL APPLICATIONS

- > Surface waterproofing
- > Lift shafts
- > Basement tanking
- > Waterproof screeds
- > Mix with repair mortars & grouts
- > Cement based plasters

TECHNICAL DATA

TamSeal SBR-e	
Appearance	White liquid
Relative density	1.02 ± 0.02
pH	6 - 9

All technical data stated herein is based on tests conducted under laboratory conditions 25°C.

APPLICATION GUIDELINES

Surface Preparation

All surfaces must be thoroughly clean, free from laitance, loose material, dust, dirt, oil, grease, and other contaminants and profiled to produce a receptive surface. The use of grinding or scabbing machines is recommended for large areas.

Application Method

For Bond coat/Primer: It can be used on all surfaces. TamSeal SBR-e waterproof render or screed applied.

Mixing Ratio:

TamSeal SBR-e : Cement

By Weight: 1:2

By Volume: 1:1

Coverage: 1 to 1.2 kg/m²

Mix the cement into the TamSeal SBR-e until cohesive. Use a stiff brush to apply a thick coat to the wet surface. Work well into the surface. Application of concrete renders and mortars should take place while the bond coat is still tacky. DO NOT apply over dry bond coats; in this case hand scabble the dry coat before applying a further bond coat. Bond coats remain 'tacky' for approximately 20 minutes depending on ambient temperature.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents, or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.

TamSeal SBR-e_V2WW22_8822

For Waterproof Renders / Screeds:

Sealing and waterproofing of water tanks, basements, and interior/exterior tanking.

Mix Design: Waterproof Render / Screed	
Sulphate Resisting Cement	50 kg
Coarse, Clean Sand	125 kg
TamSeal SBR-e	14 liters
Water	3 - 5 liters

After surface preparation and wetting, apply a brush coat of bonding mix horizontally. When almost touch dry, apply a further coat vertically. Each coat should be 10mm thick. Lightly scratch the surface of the second coat when nearly touch dry and leave for 24 hours to cure.

Apply a further bond coat while it is still wet, trowel on the render coat at a thickness up to 10mm. If additional render coats are required, apply at 1 - 2-hour intervals. Close up the final coat with a steel finishing float. Thorough curing is essential on all exposed surfaces, particularly in dry or windy

conditions. Curing methods such as water misting, polythene sheeting and similar techniques are suitable.

PACKAGING

TamSeal SBR-e is available in 20 kg HDPE Bucket & 5 litre HDPE Can. Packaging size may vary subject due to local regulations and requirements.

STORAGE

TamSeal SBR-e should be stored at room temperature (min 10°C and max 40°C). If kept in dry and away from sunlight, then a shelf life of 1 year is expected. Protect from wet and rainfall areas.

HEALTH & SAFETY

TamSeal SBR-e should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local Normet representative.