

➤ Description



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

➤ Key Benefits

- Dramatically improves the adhesion / bonding of cementitious mixes.
- Effective plasticizer, giving increased workability and cohesion. Also allows reductions in water content to improve durability and strength without loss of workability.
- Excellent waterproofing admixture, which is alkali stable in cementitious mixtures.
- Good freeze / thaw resistance.

➤ Typical Applications

- Surface waterproofing.
- Lift shafts.
- Basement Tanking.
- Waterproof Screeds.
- Increase bonding of mix, while applying new concrete on old concrete /plasters.

➤ Technical Data

TamSeal SBR

Appearance	White liquid
Solids Content	39 ± 5%
Density at 20°C	1.02 ± 0.02
Particle Size	0.20µm
All above test completed at 25°C.	

All technical data stated here is based on tests carried out under laboratory conditions.

➤ 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:

A bond coat / primer should be used for all surfaces that are to have a TamSeal SBR waterproof render or screed applied.

Mix Design : Bond Coat / Primer

TamSeal SBR:	1:2 parts by weight
Cement	1:1 parts by volume
Coverage	1 - 1.2kg/m ²
Properties	
Consistency	Brushable viscous slurry
Bond Strength BS 6319: Part 4	28.6MPa

MINING

TUNNELLING

REHABILITATION
& MAINTENANCE

GROUND
ENGINEERING

READYMIX &
PRECAST

WATERTIGHT
STRUCTURES

Mix the cement into the TamSeal SBR 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.

For Waterproof Renders / Screeds:

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

Mix Design Waterproof Render / Screed	
Sulphate Resisting Cement	50kg
Coarse, Clean Sand	125kg
TamSeal SBR	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 is available in 20Kg HDPE Bucket, 50Kg HDPE Jerry Can & 200Kg HDPE Drum. Packaging size may vary subject to local regulations and requirements.

➤ Storage

TamSeal SBR should be stored at room temperature (min 10°C and max 40°C). Kept in dry and away from sunlight. Shelf life is 1 year if stored as specified. Protect from wet and rainfall areas.

➤ Health & Safety

TamSeal SBR 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.

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 – V3IN_July-18