

TECHNICAL DATA SHEET (TDS)

PRO SBR CONSTRUCTION (PRO SBR)

AQUAFast SBR CONSTRUCTION (pro SBR) is a water-based non-ionically stabilised hydrolysis-resistant dispersion of a carboxylated styrene-butadiene copolymer. The dispersion is freeze-thaw stable. It contains an antioxidant and an antifoam and is compatible with most hydraulic binders. This product is free from APEOs and ammonia.

APPLICATION ADVICE

- AQUAFast SBR CONSTRUCTION (PRO SBR) is used for modification of hydraulic binders in common applications, including repair mortar, flooring, rendering, bonding, and mineral sealing.
- Slurries and as a cement-based adhesive.
- At higher temperatures (25 °C), the addition of AQUAFast SBR CONSTRUCTION (PRO SBR) prevents a premature stiffening of the mortar.
- The dispersion is free from plasticiser and other additives which can migrate.

PROCESSING

- This material may show a slight phase separation during storage. Therefore, it should be mixed before use.
- For additional information, please contact our technical service team.

DIRECTIONS FOR USE

- Ensure all surfaces are sound, clean, dry, and dust-free.
- **For use in primer systems:** It is recommended that concrete or masonry surfaces are well dampened an hour before priming. Typical coverage on rough concrete is 0.3-0.4L/m². The priming mix must be applied via brush.
- **For pointing:** Apply 1-part SBR, 1 part water and 5 parts cement by brush into dampened joints.
- **Waterproof renders:** Apply 1-part SBR, 1 part water and 5 parts cement by brush onto the dampened surface. While the primer is still wet, apply a render of 3 parts sand and 1 part cement using a gauging liquid mix of 1 part SBR and 3 parts water. Apply a minimum thickness of 6mm. When the first coat has hardened, apply the second coat to a maximum thickness of 6mm. In hot conditions, it may be necessary to mist spray the surface regularly.

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The information contained on this data sheet is for guidance only; no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our adhesives, please contact your supplier.

SHIPPING AND STORAGE

PRO SBR CONSTRUCTION (PRO SBR) must be stored in closed containers between + 5 °C and + 35 °C and protected from frost and direct sunlight. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 12 months following delivery. However, some cream formation cannot be ruled out. It is therefore advisable that the dispersion should be stirred or mixed before use. Information on environmental and hazard data may be taken from the material safety data sheet.

SHELF LIFE

- 12 months in unopened packaging.
- Stir before use.

PRODUCT SAFETY

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

Contains: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

PROPERTIES

Property	Value	Unit	Method*
Total Solids	40.0 (38-48)	%	ISO 3251
pH	10.0 (8-11)		ISO 976
Viscosity (Brookfield LVF, 60rpm) 90	(30-150)	mPas	ISO 1652
Appearance-	Milky, White emulsion.		
Oduor-	slight odour.		

PRODUCT

Product Type	Volume	Package
SBR - White	5 L	4

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DISCLAIMER

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