

AquaArm SaniGuard

Elastomeric waterproofing membrane for wet rooms



TECHNICAL DATA SHEET

Product Description

AquaArm SaniGuard is a ready to use, synthetic rubber-based polymer dispersion material which dries to form a seamless elastomeric waterproofing membrane. The waterproof membrane provides a breathable yet waterproof elastomeric barrier with excellent crack bridging properties.

Uses

AquaArm SaniGuard is used to waterproof wet rooms such as shower areas, bathrooms, kitchens and sanitary areas in public and private buildings. AquaArm SaniGuard is suitable for fast track job requirements and overcomes the complications associated with intricate waterproofing.

Can be used for waterproofing of dry wall/cement particle board.

Features and Benefits

- Single component easy to apply
- Single application possible, reducing working steps
- Seamless waterproof membrane system
- Fast curing allows tiling on same day
- Excellent crack bridging properties
- Breathable allows release of trapped moisture
- Solvent free

Application Methodology

Step no 1: Surface Preparation:

Surfaces to be applied with AquaArm SaniGuard should be clean, sound, dry and free from grease, oils, curing membranes, laitance and loose particles to ensure good adhesion. Surfaces should be smooth and fine textured with undulations levelled off wherever possible. Concrete and cementitious substrates should be at least 5 days old.

All cracks to be treated with ReArmSBR modified mortar.

Step no 2: Priming:

AquaArm Saniguard Primer is recommended prior to application of AquaArm SaniGuard coating. Recommended dosage for one coat of primer is 150-250 Gms per SqM depending upon porosity of the surface.

Step no 3: Product Application:

Prior to the application of AquaArm SaniGuard, it is recommended that all pipe inlets and outlets are sealed with Non shrink Grout -ArmGrout NS 50 and all junctions (wall to floor) to have a fillet of 25 x 25 mm minimum.

Alternatively SealArm Joint Tape can be used for sealing of penetrations and wall / floor junctions, using AquaArm SaniGuard to fix SealArm Joint Tape.

Apply AquaArm SaniGuard by brush, roller or notched trowel. For a single application, use a 3 mm notched trowel to evenly spread AquaArm SaniGuard followed by smoothing with a roller.

For brush or roller applications, two coats are recommended. The first coat should dry (3 hours at 40°C) before the second coat is applied. Once the final AquaArm SaniGuard layer/coat is dry tiling can commence using a polymer modified tile adhesive.

For delayed tile application, it is recommended to protect the coating with 12-15mm plaster. If plaster is planned, suggest to sprinkle graded coarse sand on AquaArm SaniGuard coating while 2nd coat is tacky, to provide mechanical key to hold plaster.



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Technical Data

Basis	Solvent free polymer dispersion with carbonated fillers	
Density	1.3 - 1.4 kg/Lit at 27°C	
Pot life	at 20°C	at 40°C
	60 minutes	45 minutes
Open to tiling	24 Hours	18 hours
Full cure	48 hours	36 hours
Tack free	4 hours	3 hours
Trafficable	24 hours	18 hours
Elongation, 28 days @ 30°C	86%	114%
Tensile strength, 28 days @ 30°C	1.05 N/mm	2.15 N/mm
Crack Bridging:	> 0.75mm at 0.8mm dft	
Water vapour transmission (Sd)	7 - 9 m	
Application temperature	Min: +5°C, Max: +42°C	
Service temperature	Min: -10°C, Max: +45°C	

Consumption

AquaArm SaniGuard:
1.2 kg per sq.m in 2 coats for a DFT of 0.8mm

AquaArm SaniGuard Primer:
0.2 kg/m²

Packaging

- AquaArm SaniGuard: 5 & 25 kg
- AquaArm SaniGuard Primer: 1 & 10 kg packs

Storage and Shelf Life

24 months in original, unopened palletized containers, stored in well ventilated, dry conditions at temperatures between 5°C and 30°C.

Health & Safety

AquaArm SaniGuard is non hazardous. When in doubt refer to relevant Material Safety Data Sheet. Please refer to local environmental laws for modes of disposal.

Product Categories Available



Legal Note

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