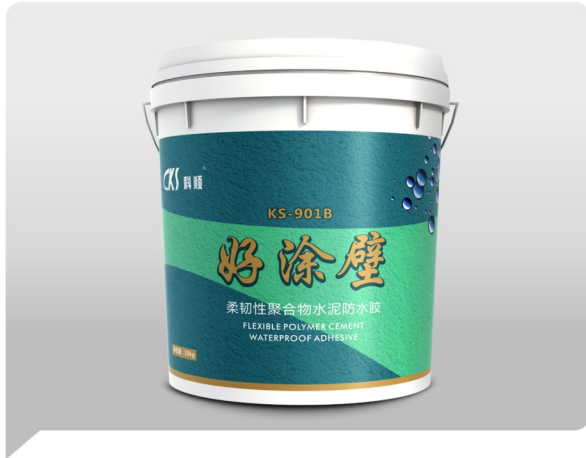


AQUAFLEX KS-901B

ACRYLIC POLYMER FLEXIBLE CEMENTITIOUS WATERPROOFING LATEX



DESCRIPTION

Aquaflex KS-901B is an acrylic polymer flexible cementitious waterproofing coating when mixed with Portland Cement.

Aquaflex KS-901B is a 1-part, polymer waterproofing latex which requires mixture of Portland Cement in order to work. When applied to concrete, it provides an excellent barrier which is impervious to water.

RECOMMENDED FOR

Bathroom, Kitchen, Yard, A/C Ledge, AHU & Pump Room, R.C. Gutters, R.C. Water Tanks, Swimming Pools & Fountains, Retaining Wall, etc.

ADVANTAGES

Non-toxic, flexible, good adhesion, resists hydrostatic pressure, can be applied by brush, broom or roller, acid and alkaline resistance, durability.

COVERAGE

Minimum 2 coats for **Aquaflex KS-901B** at 1.0kg/m² per coat.

APPLICATION PROCEDURES

• Surface Preparation

The smooth (light steel trowel to be used) substrate to be treated must be fully cured and sound, which shall mean that it is free of oil, excess mortar, grease, clean and other contaminants. Any defects such as cracks & honeycomb shall be repaired with suitable repair methods. Pre wetting or dampening the substrate with clean water prior to application is a pre-requisite.

• Mixing Ratio (Latex: Cement = 1:0.8)

Mix in a clean container by gradually adding the recommended ratio of Cement to Part A(Latex) and stir with an electrical mixer until consistently slurry. Use within 30 minutes.

• Application

1st Coat – Apply the well mixed slurry of **Aquaflex KS-901B** at 1.0kg/m² in one direction. (allow to cure approximately 4-8 hours)

2nd Coat – Apply the second coat of **Aquaflex KS-901B** at 1.0kg/m² in a crosswise direction on the first application. (allow to cure for 24 hours)

PACKAGING

Aquaflex KS-901B

- Part A(Latex) - 25kg/pail, Part B (Cement) – 50kg/bag
- Recommended ratio (Latex: Cement = 1:0.8)

LIMITATION

- Not subject to any traffic and must be protected by protective screed.
- Do not apply with high consumption than recommended amount.

TECHNICAL SUPPORT

For more information, alternative applications or alternative proposals, please contact our Technical Department at the email address below.

STORAGE

Aquaflex KS-901B must be stored in cool and dry place. Shelf life is 12 months in a sealed pail.

CLEANING

Clean all tools and equipment immediately with water after application.

SAFETY PRECAUTIONS

We recommend the use of protective gloves during application. If there is chemical contact with eyes and skin, wash immediately with plenty of water. Seek medical assistance immediately.

TECHNICAL DATA

No.	ITEM	INDEX	TEST METHOD
1	Solid content% 105°C, 3h	≥70	GB/T23445-2009
2	Tensile strength Mpa	≥1.8	GB/T23445-2009
3	Elongation at break %	≥80	GB/T23445-2009
4	Impermeability	0.3Mpa, 30min, impermeable	GB/T23445-2009
5	Adhesive strength on moist base surface Mpa	≥0.7	GB/T23445-2009
6	Impermeability (Negative side of mortar) Mpa	≥0.6	GB/T23445-2009
7	Colour as Colour Unit APHA 2120B	Less than 5	BS 6920 Part 1: 2000 : Clause 5
8	Turbidity NTU APHA 2130 B	0.04	BS 6920 Part 1: 2000 : Clause 5
9	The mean dissolved oxygen difference (MDOD), mg/L	0.5	BS 6920 Part 1: 2000 : Clause 6



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