



W2 FLEXI GUARD

**WATER-BASED ELASTIC WATERPROOFING CEMENT ADMIX;
MODIFIES CEMENT INTO A FLEXIBLE DAMP PROOF MEMBRANE**



USES

- **Flexible waterproofing cement:** Toilets, wet areas, basements, diaphragm walls, swimming pools, fish ponds, flower troughs
- **Tile bonding:** For laying tiles on flexing surfaces and to waterproof
- Injection polymer and bonding aid for PVC to paper
- Anti-slip cement coating on metal checker plate

FEATURES

After mixing with white or grey cement compound,

- **Bonding - Excellent bonding properties;** bonds onto cement, sand, polyurethane, and bitumen surfaces; can be coated over existing waterproofing membrane layers.
- **Flexibility** - Cured coating is elastic, flexible, and very stretchable with excellent contour conforming ability.
- **Weathering** - It is a chemically stable product that resists UV ageing, temperature changes, and remains impermeable to water.
- **Withstands wide temperature changes** - does not blister or soften at higher temperature; remains supple and flexible at lower temperature.
- **Resistant to chemicals** like mild acid and alkaline solutions.
- **Tough and resilient;** suitable for various types of waterproofing needs.
- **Environmentally friendly** - does not contain organic solvents and does not pollute.
- **Flame-resistant** and safe to use.

APPLICATION METHOD

Mix Ratio: **W2** : **(Cement + Fine Sand = 1 + 2)**
 1 : **1.2 by weight** = **Flexible Coating**

- Usage 1.2 kg / m² per 3 mm thickness
- Allow 24 hours for curing before water testing.

W2 : (Cement + Fine Sand = 1 + 2)
1 : 3 by weight = Hard Coating

** More cement added will give a higher cement bonding strength and the mix is harder.*



WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100

war99@singnet.com.sg www.warrior.com.sg

bizSAFE₃



W2 FLEXI GUARD

**WATER-BASED ELASTIC WATERPROOFING CEMENT ADMIX;
MODIFIES CEMENT INTO A FLEXIBLE DAMP PROOF MEMBRANE**

- Ensure surface to be treated is clean and intact and free of fine dust and oil.
- Use a hard brush to apply W2 + Cement + Sand Slurry in 2 coats after the previous coat is dry.
- Final dry thickness is 1.5 to 2 mm.
- During application, the slurry should be mixed well without seeing any polymer floating above.
- It can be applied over a damp surface.

Waterproofing Membrane:

- Mix & stir to ensure uniform distribution.
- Increasing amount of cement during mixture will increase hardness.
- With higher content of W2, the elongation rate at break, cohesion and water resistance will increase.



*Soaking for 1 month with red food colouring without leaking or peeling. (at No. 1, Jalan Yasin)

TECHNICAL DATA

PSB Test: Jan 31, 2002 DIN 1048 Part 5: 1991 Zero water penetration on concrete

Solid content	56 ± 1 %
PH value	7.5 - 8.5
Viscosity	500 – 1300 mPa.s (3# / 60rpm/ 25°C)
Elongation rate at break	2400 (% >=)
Greatest Pull Strength	0.6 N / mm ²
Water absorption rate	1.0% over 24 hours
Working temperature range	-20°C to 100°C

PACKING

5 kg 20 kg

Disclaimer:

The information provided in this brochure is ensured to be as accurate as possible at the time of inclusion, however there may be inadvertent and occasional errors which may have slipped from our notice. Warrior Pte Ltd does not guarantee and make no representations or warranties of any kind about the information, advice and opinions provided and reserves the right to make changes and corrections at any time, without prior notice to any parties. Warrior Pte Ltd accepts no liability for any inaccuracies or omissions in its brochure and any decisions made based on information and opinions contained in the brochure is the sole responsibility of the user.

WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100

war99@singnet.com.sg www.warrior.com.sg

