



WSS WATER STOPPING STRIP

HYDROPHILIC SELF SWELLING BUTYL SEALING STRIP FOR SEALING OF CONCRETE JOINTS BETWEEN CONCRETE POURINGS.



FEATURES

- **WSS** will absorb water and expand in volume by 300 % to fill up gap and porosity to prevent water seepage. Withstanding water pressure up to 1.5 MPa.
- **WSS** has self-healing ability, in case of building movement, it will continue to react with water to expand and fill up the gap.
- **WSS** has strong self-adhesive property it will stay in position when concrete is being poured. If needed to it can be nailed in place before concrete pouring.
- **WSS** is an inorganic material with anti-corrosive property it will neither degenerate nor affected by temperature and humidity, and has a long service life.

APPLICATION METHOD

- Ensure surfaces to be sealed are clean and intact, remove loose sand and dust thoroughly.
- **On horizontal surface**, just lay **WSS** in continuous line without break, press to adhere onto the surface before pouring concrete.
- **On vertical surface**, lay **WSS** in the pre-cast channel and press, if no pre-cast channel was made in the first place, nail **WSS** into position and press it with a wax paper or plastic sheet to let it adhere firmly before pouring concrete pouring.
- If need to further strengthen the positioning, steel nailing every **1 metre in the horizontal position** and **1/2 metre in the vertical position**.
- The final Concrete should completely engulf and conceal **WSS**, it should not be exposed to render it ineffective. The concrete thickness should be greater than 5 cm minimum.
- During vibrating, avoid touching and damaging **WSS**.
- Before concrete pouring, protect **WSS** from rainwater.

WARRIOR PTE LTD

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

Tel: (65) 6364 5100 / 6364 5060 / 6367 3676 Fax: (65) 6364 0629

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





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TECHNICAL DATA

- Colour: Red Rubber Strip.
- Water Pressure Resistance: 1.5 MPa.
- Expansion Rate: 7 days to reach 300 % expansion.
- Specific Weight: 1.35 at 25^oc.
- Tensile Strength: >= 5 Mpa
- Elongation: 450 %
- Low Temperature Bending: -20 degree C, 2 hours, No Crack.
- Cold resistance: 30 Freeze-Thaw Cycles without peeling.
- -20^oc x 2 hours.
- High Temperature Test: Does not flow and peel at 150^oc
- 80^oc x 5 hours.
- Low Temperature Test: Not Brittle at -200^oc
- Shelf Life: Unlimited

PACKING

Model	Dimension	Packing	Uses
RED COLOUR WSS 1020 R	10 mm T x 20 mm W x 10 m L	7 rolls / carton	Concrete Pour
WSS 2025 R	20 mm T x 25 mm W x 5 m L	6 rolls / carton	Pipe & Metal Joint

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