

**WARRIOR PTE LTD**

**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 500 % 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 METHODS**

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.

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## **TECHNICAL DATA**

Colour	Black Rubber Strip.
Water Pressure Resistance	1.5 MPa.
Expansion	250 - 300 %
Rate of Expansion	7 days to reach 100% expansion.
Specific Weight:	1.35 at 25 <sup>0</sup> C.
Cold resistance	30 Freeze-Thaw Cycles without peeling. -20 <sup>0</sup> C x 2 hours.
High Temperature Test	Does not flow and peel at 150 <sup>0</sup> C 80 <sup>0</sup> C x 5 hours.
Low Temperature Test	Not Brittle at -200 <sup>0</sup> C
Shelf Life	Unlimited

## **PACKING**

<b>Model</b>	<b>Dimension</b>	<b>Packing</b>	<b>Expansion Rate</b>	<b>Uses</b>
WSS 1020 B	10 mm x 20 mm x 5 m	6 rolls / carton	200 %	Concrete Pour
WSS 2025 B	20 mm x 25 mm x 5 m	6 rolls / carton	200 %	Pipe & Metal Joint

### **Disclaimer:**

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**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](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://www.warrior.com.sg)**