

## PENEBAR SW-55

### DESCRIPTION

Penebar SW-55 is a concrete joint expansion joint waterstop that will expand in a controlled fashion when exposed to water. It is a sophisticated water-sealing product that encapsulates hydrophilic materials into a rubber base to create a built in delay system.

### RECOMMENDED FOR

Penebar SW-55 can be applied to non-moving, cold joints on all concrete building projects that need protection from moisture ingress including underground structures, basements, precast panels, tunnels, new concrete onto old concrete, manholes, lift pits, retaining walls, storage tanks, concrete pipe, car parks, etc.

### PACKAGING

Penebar SW-55 is packaged at 30m/box.

### DIRECTIONS FOR USE

#### Application:

How to apply Penebar SW-45 Rapid on poured-in-place construction joints:

- Carefully brush off all dust and debris and apply a coat of appropriate Penebar Primer to the area where the Penebar SW-45 Rapid is to be placed.
- Using moderate hand pressure, with the heel of the hand, press a continuous bead of Penebar SW-55 firmly into position on the standing structure. Make sure the product has bonded to the primed area.
- Peel the protective backing from the exposed side of the installed Penebar SW-55 and tightly butt the coil ends to form a continuous waterstop (for best results cut each end at a 45° angle). Do not overlap coil ends.
- Pour the mating structural member into position. Follow standard concrete placing procedures from here onwards.

### Application Notes

- Always use Penebar SW Primer to prevent Penebar SW-55 from moving during concrete pouring. For vertical surfaces, nails may be used to hold the product in place
- Penebar SW-55 should be placed at a minimum depth of 50mm (2") inside the concrete
- When used on pipes and other structural penetrations, Penebar SW-55 should be cut to measured length and placed around the penetration
- On rough and irregular surfaces always ensure that Penebar SW-55 remains in direct contact with the substrate

### PHYSICAL PROPERTIES

DESCRIPTION	TEST METHOD	PENEBAR SW-55
Color		Black
Specific Gravity	ASTM D-71	1.35± 0.05
Hydrocarbon Content	ASTM D-297	47% min.
Volatile Matter	ASTM D-6	1% max.
Penetration, 150 g cone @77°F (25°C); 5 sec.	ASTM D-217	40±5

Application Temperature Range: -10°F to 125°F (-23°C to 52°C)  
Service Temperature Range: -30°F to 180°F (-34°C to 82°C)

### WARRANTY

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