





Description:

Waterstop PVC is a waterstop to seal construction and expansion joints in concrete structures. The waterstops are available in different sizes and profiles, depending on their uses and demands.

Usage:

The waterstops are used in concrete structure for the sealing of construction and expansion joints are differing to actual sealants, that they are installed at the time of concrete placing and taking up their function as soon as the concrete has hardened. Depending on the type of the waterstops it can be used for constructions on very small expansion joints or, for joints of medium to large expansions. For example: Basement, water reservoir, swimming pool, water treatment plant, tunnel, culvert, elevator shaft, walls

Advantages:

Multi-Ribbed sections provide a tortuous and impenetrable water barrier to the structures. The Rubber material and its types of cross-sections allow extremely easy on-sites welding process and its application.



Test Report







Application Detail:

According to common practice on sites, the waterstops are placed to suit the concrete's movements either at expansion or construction joints. The joints are welded by process of glue bondding technique for bud-joining and factory prefabricated junctions' profiles in various sizes are available on request. Please ask for technical assistance in selecting the right type for the construction.

Property:

Type: Natural Rubber (SBR)

Color: Black

Shelf Life & Storage: Unlimited shelf life, stored in cool Facilities

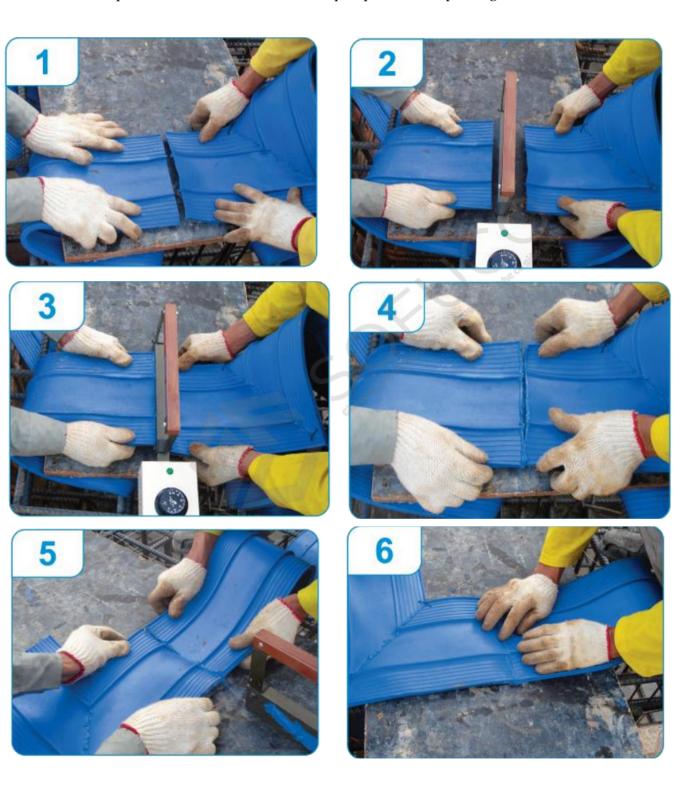
| Description | Dimension | Size | Testing Method |
|-------------------------|---------------------|--------------------|----------------|
| Specific Gravity | | 1.17 <u>+</u> 0.03 | ASTMD 792 |
| Hardness Shore A 54 | | 65 <u>+</u> 5 | ASTMD 2240 |
| Tensile Strength | Kgf/cm ² | >140 | ASTMD 412 |
| Elongation at Brake | % | >500 | ASTMD 412 |
| | | | |
| Tear Resistance | Kgf/cm ² | 50 | ASTMD 624 |
| Heat Test: | 70°C, 28 Days | | DIN 53508 |
| Allowable Reduction In: | | | |
| - Tensile Strength | % | 20 | |
| - Elongation at Brake | % | 20 | |

| Туре | Code | Dimension (mm.) | | | | |
|---------------------------------|--|---------------------------------|----------------------------|-----------------------|-------------------------|----------------------------|
| | | Α | В | С | D | СВ |
| Dumbbell Flat C A B | SM0652 SM0852 SM0952 | 152 203 229 | 12 13 15 | 5 5 5 | | - - - |
| Dumbbell Center Bulb C A D B C | SM0653 SM0853 SM0953 SM1053 SM1253 | 152 203 229 257 305 | 12 12 15 16 16 | 5 5 5 5 5 | 16 7 7 15 7 | 11 17 17 23 16 |
| Ribbed Center Bulb CB C A D A | SM0654 SM0849 | 152 205 | 8 8 | 5 4 | 23 30 | 15 24 |
| Rear guard type | SM0840 | 203 | 7 | 4.5 | 16 | - |
| A | | Α | В | Thinner C | Thicker C | СВ |
| c | CWP-6 | 150 | 18 | 3 | 4.5 | 20 |
| C | CWP-8 | 200 | 20 | 3 | 4.5 | 20 |
| c | CWP-10 | 250 | 22 | 3 | 4.5 | 20 |
| CB CB A | CWP-12 | 300 | 24 | 3 | 5 | 20 |

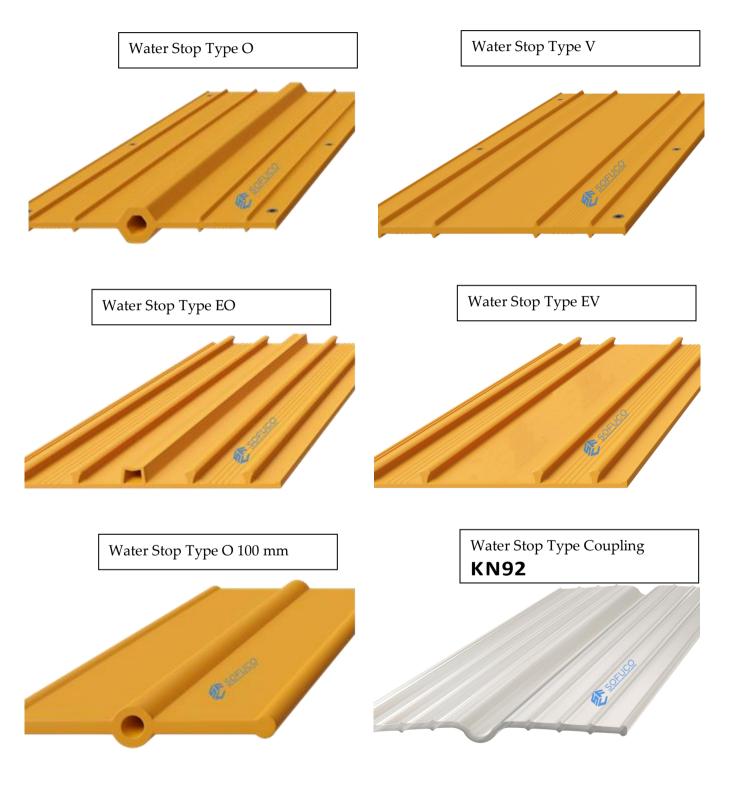


Installation:

The center of the waterstop should be at the concrete joint and at the center of the concrete thickness. Steel wires and clips and be used to secure waterstop in place before pouring the new concrete.

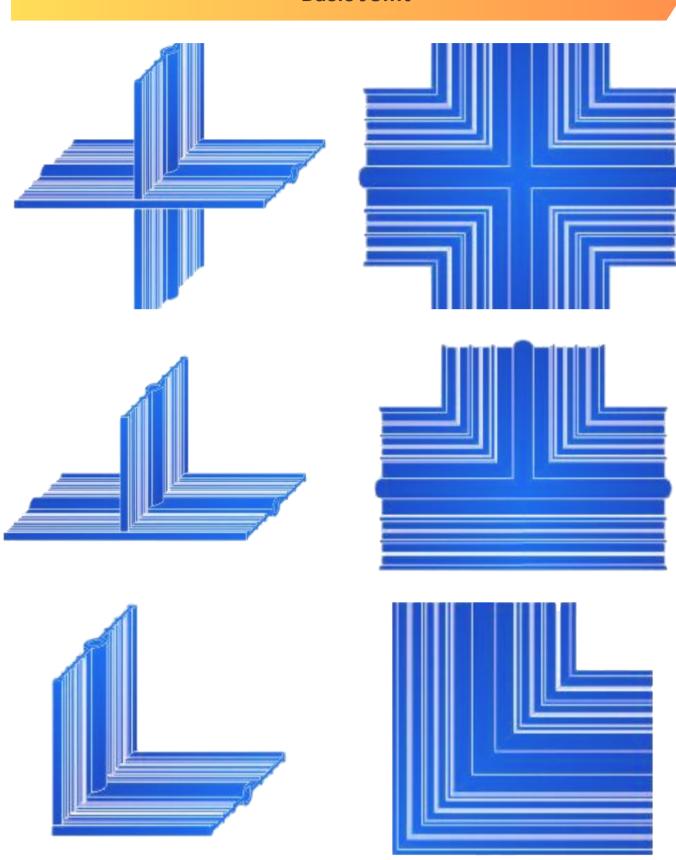




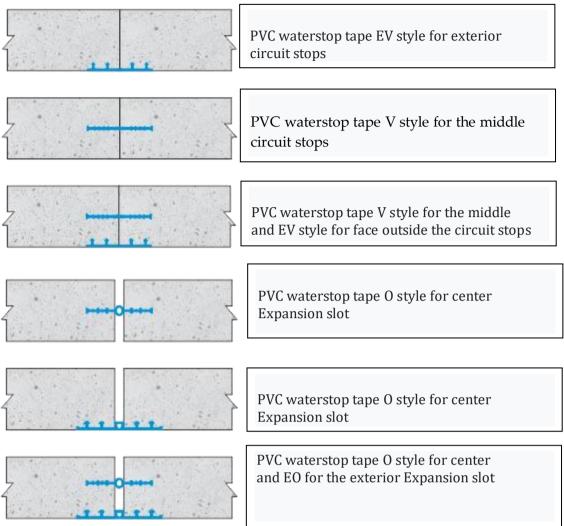




Basic Joint







Important Note: Sufuco warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Sufuco endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D inhouse lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Sufuco cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself