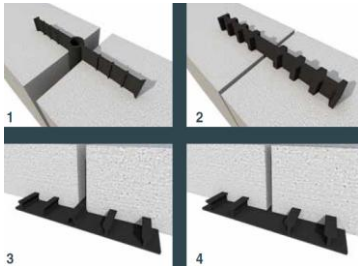


Waterstop Flexvinil®



The FLEXVINIL® PVC WATERSTOP joints are waterproof profiles with high mechanical and elastic properties, capable of ensuring a perfect hydraulic sealing and a high absorption capacity of the mechanical stresses.

PROFILES

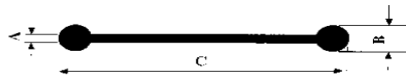
List of the available standard profiles. On request, we can develop custom profiles. Sireg Technical Service is at the customers' disposal to meet the most demanding project applications.

Type 1BP



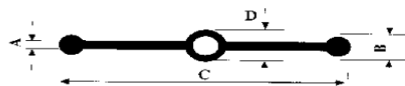
| Description | | A | B | C |
|------------------|--------|---|----|-----|
| WATERSTOP-1BP195 | 1BP195 | 7 | 20 | 195 |

Type 2BP



| Description | | A | B | C |
|---------------------|-----------|----|----|-----|
| WATERSTOP-2BP100 | 2BP100 | 5 | 12 | 100 |
| WATERSTOP-2BP150/5 | 2BP150/5 | 5 | 14 | 150 |
| WATERSTOP-2BP150/10 | 2BP150/10 | 10 | 20 | 150 |
| WATERSTOP-2BP200 | 2BP200 | 5 | 14 | 200 |
| WATERSTOP-2BP230/5 | 2BP230/5 | 5 | 19 | 230 |
| WATERSTOP-2BP230/10 | 2BP230/10 | 10 | 23 | 230 |
| WATERSTOP-2BP250 | 2BP250 | 10 | 23 | 250 |
| WATERSTOP-2BP400 | 2BP400 | 20 | 40 | 400 |

Type 2BPF



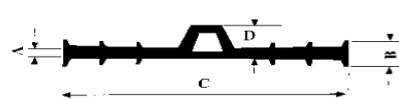
| Description | | A | B | C | D |
|----------------------|------------|---------|----|-----|----|
| WATERSTOP-2BPF100 | 2BPF100 | 4,5÷6,5 | 13 | 100 | 22 |
| WATERSTOP-2BPF150/5 | 2BPF150/5 | 5 | 14 | 150 | 23 |
| WATERSTOP-2BPF150/10 | 2BPF150/10 | 10 | 20 | 150 | 30 |
| WATERSTOP-2BPF200 | 2BPF200 | 5 | 15 | 250 | 18 |
| WATERSTOP-2BPF210 | 2BPF210 | 10 | 24 | 210 | 35 |
| WATERSTOP-2BPF230/5 | 2BPF230/5 | 5 | 17 | 230 | 22 |
| WATERSTOP-2BPF230/10 | 2BPF230/10 | 10 | 23 | 230 | 33 |
| WATERSTOP-2BPF240 | 2BPF240 | 5 | 19 | 240 | 27 |
| WATERSTOP-2BPF250 | 2BPF250 | 10 | 23 | 250 | 33 |
| WATERSTOP-2BPF300 | 2BPF300 | 10 | 26 | 300 | 35 |

Type BF



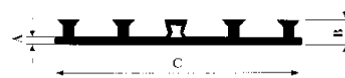
| Description | | A | B | C | D |
|-------------------|---------|-------|----|-----|----|
| WATERSTOP-BF150/A | BF150/A | 3 | 14 | 150 | 18 |
| WATERSTOP-BF150 | BF150 | 5 ÷ 6 | 20 | 150 | 18 |
| WATERSTOP-BF225 | BF225 | 6÷6,5 | 20 | 225 | 18 |

Type BFA



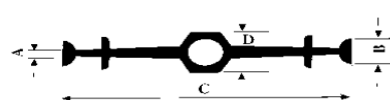
| Description | | A | B | C | D |
|---------------------|-----------|-------|----|-----|----|
| WATERSTOP-BFA250 | BFA250 | 7 ÷ 9 | 27 | 250 | 35 |
| WATERSTOP-BFA310 | BFA310 | 5 ÷ 6 | 16 | 310 | 75 |
| WATERSTOP-BFA320/5 | BFA320/5 | 5 | 25 | 320 | 30 |
| WATERSTOP-BFA320/10 | BFA320/10 | 7÷10 | 24 | 320 | 35 |
| WATERSTOP-BFA340 | BFA340 | 5÷10 | 14 | 340 | 50 |
| WATERSTOP-BFA350 | BFA350 | 5÷10 | 14 | 350 | 50 |
| WATERSTOP-BFA360 | BFA360 | 5 ÷ 7 | 23 | 360 | 80 |
| WATERSTOP-BFA400 | BFA400 | 5 ÷ 6 | 21 | 400 | 48 |
| WATERSTOP-BFA520 | BFA520 | 4 ÷ 8 | 25 | 520 | 48 |

Type BFAL



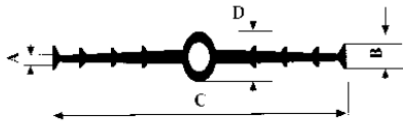
| Description | | A | B | C |
|-------------------|---------|-------|----|-----|
| WATERSTOP-BFAL150 | BFAL150 | 7 | 40 | 150 |
| WATERSTOP-BFAL200 | BFAL200 | 4 | 18 | 200 |
| WATERSTOP-BFAL230 | BFAL230 | 4 | 18 | 230 |
| WATERSTOP-BFAL240 | BFAL240 | 4 | 18 | 240 |
| WATERSTOP-BFAL275 | BFAL275 | 4 | 24 | 275 |
| WATERSTOP-BFAL320 | BFAL320 | 4 | 21 | 320 |
| WATERSTOP-BFAL360 | BFAL360 | 7 ÷ 9 | 35 | 360 |

Type BFOP



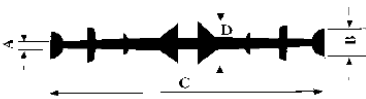
| Description | | A | B | C | D |
|-------------------|---------|-------|----|-----|----|
| WATERSTOP-BFOP140 | BFOP140 | 4 ÷ 5 | 20 | 140 | 18 |
| WATERSTOP-BFOP150 | BFOP150 | 4 ÷ 7 | 22 | 150 | 22 |

Type BFO



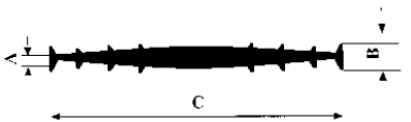
| Description | | A | B | C | D |
|--------------------|----------|---------|----|-----|----|
| WATERSTOP-BFO140 | BF0140 | 3 | 13 | 140 | 30 |
| WATERSTOP-BFO145 | BF0145 | 2,5÷3,5 | 16 | 145 | 30 |
| WATERSTOP-BFO150/A | BF0150/A | 2,5 | 13 | 150 | 32 |
| WATERSTOP-BFO150 | BF0150 | 7 | 20 | 150 | 37 |
| WATERSTOP-BFO170 | BF0170 | 3 | 13 | 170 | 30 |
| WATERSTOP-BFO180 | BF0180 | 3 ÷ 6 | 16 | 180 | 33 |
| WATERSTOP-BFO200/A | BF0200/A | 2 ÷ 3,5 | 8 | 200 | 30 |
| WATERSTOP-BFO200/6 | BF0200/6 | 4 ÷ 5 | 15 | 200 | 30 |
| WATERSTOP-BFO220/A | BF0220/A | 2,5 ÷ 4 | 9 | 220 | 36 |
| WATERSTOP-BFO220 | BF0220 | 3 ÷ 6 | 15 | 220 | 35 |
| WATERSTOP-BFO240 | BF0240 | 3 ÷ 6 | 16 | 240 | 30 |
| WATERSTOP-BFO250/A | BF0250/A | 3 ÷ 4 | 17 | 250 | 33 |
| WATERSTOP-BFO250/6 | BF0250/6 | 3 ÷ 4 | 12 | 250 | 39 |
| WATERSTOP-BFO300/A | BF0300/A | 3,5 | 14 | 300 | 37 |
| WATERSTOP-BFO300 | BF0300 | 5 | 15 | 300 | 40 |
| WATERSTOP-BFO360/A | BF0360/A | 5,5÷7,5 | 24 | 360 | 50 |
| WATERSTOP-BFO360 | BF0360 | 7 ÷ 9 | 20 | 360 | 50 |
| WATERSTOP-BFO375 | BF0375 | 8÷15 | 25 | 375 | 50 |
| WATERSTOP-BFO400 | BF0400 | 5 ÷ 8 | 21 | 400 | 50 |
| WATERSTOP-BFO440 | BF0440 | 5 ÷ 8 | 21 | 440 | 50 |

Type BKP



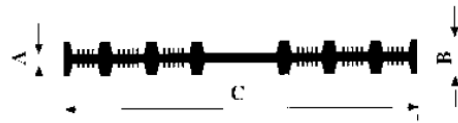
| Description | | A | B | C | D |
|------------------|--------|-------|----|-----|----|
| WATERSTOP-BKP150 | BKP150 | 5 ÷ 7 | 20 | 150 | 20 |

Type BP



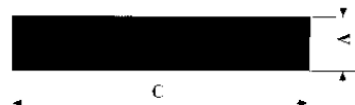
| Description | | A | B | C |
|-------------------|---------|---------|----|-----|
| WATERSTOP-BP150/4 | BP150/4 | 3÷4,5 | 15 | 150 |
| WATERSTOP-BP150/6 | BP150/6 | 6,4 | 12 | 150 |
| WATERSTOP-BP200 | BP200 | 4,5÷6,5 | 15 | 200 |
| WATERSTOP-BP200/R | BP200/R | 5÷16 | 17 | 200 |
| WATERSTOP-BP285 | BP285 | 5 ÷ 7 | 15 | 285 |
| WATERSTOP-BP285/R | BP285/R | 5÷16 | 17 | 285 |

Type BPP



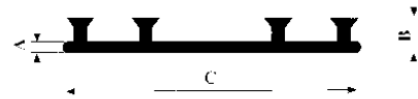
| Description | | A | B | C |
|------------------|--------|-------|----|-----|
| WATERSTOP-BPP150 | BPP150 | 3 | 12 | 150 |
| WATERSTOP-BPP200 | BPP200 | 4 | 10 | 200 |
| WATERSTOP-BPP250 | BPP250 | 4 ÷ 6 | 10 | 250 |
| WATERSTOP-BPP300 | BPP300 | 5 | 11 | 300 |

Type R



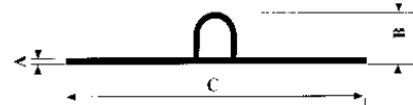
| Description | | A | B | C |
|-------------------|---------|----|---|-----|
| WATERSTOP-R200/5 | R200/5 | 5 | | 200 |
| WATERSTOP-R70/15 | R70/15 | 15 | | 70 |
| WATERSTOP-R70/30 | R70/30 | 30 | | 70 |
| WATERSTOP-R240/15 | R240/15 | 15 | | 240 |

Type SA



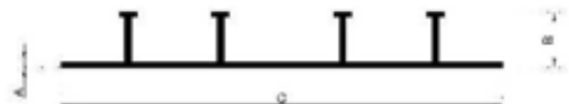
| Description | | A | B | C |
|-----------------|-------|---|----|-----|
| WATERSTOP-SA150 | SA150 | 4 | 20 | 150 |
| WATERSTOP-SA200 | SA200 | 4 | 20 | 200 |
| WATERSTOP-SA240 | SA240 | 4 | 20 | 240 |
| WATERSTOP-SA320 | SA320 | 4 | 22 | 320 |

Type STR



| Description | | A | B | C |
|------------------|--------|-----|----|-----|
| WATERSTOP-STR230 | STR230 | 3,5 | 50 | 230 |
| WATERSTOP-STR330 | STR330 | 5 | 80 | 330 |

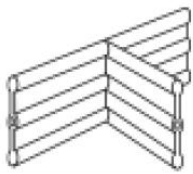
Type COM



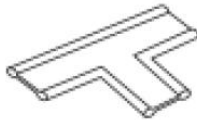
| Description | | A | B | C |
|-----------------------|-------------|---|----|-----|
| WATERSTOP-COM250/4W/3 | COM250/4W/3 | 3 | 30 | 250 |
| WATERSTOP-COM320/4W/3 | COM320/4W/3 | 3 | 20 | 320 |
| WATERSTOP-COM320/6W/3 | COM320/6W/3 | 3 | 25 | 320 |
| WATERSTOP-COM400/6W/4 | COM400/6W/4 | 4 | 30 | 400 |
| WATERSTOP-COM500/6W/4 | COM500/6W/4 | 4 | 30 | 500 |

| Characteristics | Standard | Unit | Flexvinil® TN | Flexvinil® GX | Flexvinil® HC |
|--|-------------|-------------------|---------------|---------------|---------------|
| Color | | | Black | Black | Grey |
| Density | ASTM D 792 | g/cm ³ | 1.43 | 1.26 | 1.37 |
| Hardness Shore A | ASTM D 2240 | | 75 | 74 | 75 |
| Tensile Strength | ASTM D 638 | MPa | 13 | 20 | 14 |
| Elongation at break | ASTM D 638 | | 300% | 420% | 380% |
| Cold bending | ASTM D 1043 | °C | -32 | -35 | -40 |
| Immersion in gasoline 70 hours at 22° C | | | NO | NO | YES |
| Immersion in oil ASTM/2 52 hours at 70° C | | | NO | NO | YES |
| Immersion in vegetable oil | | | NO | NO | YES |

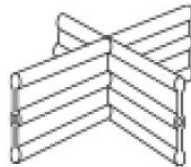
SPECIAL PIECES



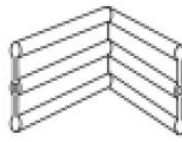
VERTICAL T



FLAT T



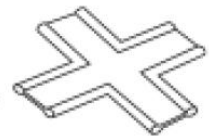
VERTICAL CROSS



VERTICAL L



FLAT L



FLAT CROSS

FITTINGS

Sireg provides some fittings for the installation of FLEXVINIL® PVC WATERSTOP joints, such as:

ELECTRICAL BLADE



The 220V electrical blade is used to join by thermo-welding two Waterstop joints.

In a few minutes, the blade reaches and maintains the right temperature to melt and then to weld the two ends.

Before carrying out this operation, the two ends must be cut at right angles, cleaned and placed on a hard floor.

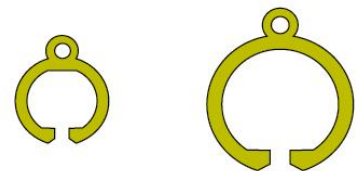
Once heated the blade, about 20 seconds are necessary to perform the welding.

CLAMPS



The clamps are used to facilitate the welding of the two joint ends, since they allow to keep the correct alignment of the two edges, of the protrusions and of the bulb, so to ensure the continuity of sealing.

FIXING CLIPS



The plastic fixing clips are attached to the Waterstop ends and are used to fix the joint, by means of an iron wire, to the steel reinforcement.

This is a way to prevent any deformations and wrinkling during concreting.