



# SPECIFICATIONS

## RECYFIX CHANNEL

### SCOPE

These specifications apply to all RECYFIX NC and RECYFIX PRO channel/vertical drain and grate assemblies used to collect storm water.

### REQUIREMENTS

#### Channel

The channel, with a reinforced ribbed structure, reinforced integrated angles and a male-female interlocking system, is made entirely of recycled polypropylene and complies with the EN1433 standard.

- 100 mm (4 in): The 100 mm (4 in) wide channel allows the connection of a PVC DR35 pipe with a maximum diameter of 100 mm (4 in).
- 150 mm (6 in): The 150 mm (6 in) wide channel allows the connection of a PVC DR35 pipe with a maximum diameter of 150 mm (6 in).
- 200 mm (8 in): The 200 mm (8 in) wide channel allows the connection of a PVC DR35 pipe with a maximum diameter of 150 mm (6 in).
- 300 mm (12 in): The 300 mm (12 in) wide channel allows the connection of a PVC DR35 pipe with a maximum diameter of 200 mm (8 in).

\*For other connection possibilities, see the installation guide or contact your local Soleno representative.

#### Vertical drain

The vertical drain, equipped with a galvanized steel or PVC basket, a structure with reinforced ribs and reinforced integrated angles, is made entirely of recycled polypropylene and complies with the EN1433 standard.

- 100 mm (4 in): The 100 mm (4 in) wide vertical allows the connection of a PVC DR35 pipe with a maximum diameter of 150mm (6 in).
- 150 mm (6 in): The 150 mm (6 in) wide vertical allows the connection of a PVC DR35 pipe with a maximum diameter of 200mm (8 in).
- 200 mm (8 in): The 200 mm (8 in) wide vertical allows the connection of a PVC DR35 pipe with a maximum diameter of 200mm (8 in).
- 300 mm (12 in): The 300 mm (12 in) wide vertical allows the connection of a PVC DR35 pipe with a maximum diameter of 300mm (12 in).

\*For other connection possibilities, see the installation guide or contact your local Soleno representative.

#### Grates

- Galvanized steel mesh grating: The grating, made of galvanized steel, is equipped with 30 x 10 mm mesh openings, a keying system and resists a B125 load (125 kN) according to EN1433 standard.
- Slotted polyamide: The grate, made of black FIBRETEC polyamide, is equipped with a keying system and 9 mm slots that comply with the Americans with disabilities Act (ADA) and are safe for high heels. According to EN1433 standard, it resists a C250 load (250 kN) for the 100 mm (4 in) and 150 mm (6 in) models, and a B125 load (125 kN) for the 200 mm (8 in) model.
- Slotted cast iron: The grate, made of black cast iron, has slots with openings of 10 mm or 18 mm, a bolting system with 8 points per meter of channel and resists a E600 load (600 kN) according to EN1433.
- Longitudinal slot in galvanized steel: The grate, made of folded and welded galvanized steel, has a longitudinal slot of 12 mm and resists a C250 load (250 kN) according to EN1433

### RAW MATERIALS

#### Channel

- The channel is made of recycled polypropylene.

#### Vertical drain

- The vertical drain is made of recycled polypropylene.

#### Grates

- Galvanized steel: Made of hot dip galvanized steel.
- Polyamide: Made of polyamide type PA-GF 35.
- Cast iron: Made of cast iron type EN-GJS 500-7.

# SPECIFICATIONS

## RECYFIX CHANNEL (CONT'D)

### DIMENSIONS AND QUANTITIES

Dimensions and quantities shall comply with the bid documentation and plans.

### INSTALLATION

Installation will be performed in accordance with manufacturer's recommendations. Contact your local Soleno representative or visit our website at [soleno.com](http://soleno.com) to read our recommendations for installation.