

### **Notes**

- Concrete encasement dimensions and/or reinforcement changes may be required for specific site conditions. Minimum concrete strength of 25MPa is recommended. Ensure concrete is vibrated Alwaysseek engineering advice.
- 2. The finished level of the concrete encasement should be 3-5mm above the channel edge.
- 3. Expansion control joints are recommended for protection of the concrete encasement.



# 951 100mm x 50mm - Load Class A10

FOR CONCRETE

## **Specification Clause**

The surface drainage system shall be Sabdrain 951 100 50 polypropylene plastic channel, fitted with marine grade stainless steel heel guard grating Load Class - A10

## **Properties**

Sabdrain 951 10050 polypropylene plastic channels shall meet the following properties:-

COMPRESSIVE STRENGTH
TENSILE STRENGTH
DENSITY
WATER ABSORPTION
THERMAL EXPANSION COEFFICIENT

58N/mm²
14N/mm²
0.960 g/cm²
<0.05%
15x12-5 mm/°C

FROST PROOF YES

MELTING POINT

CO EFFICIENT OF ROUGHNESS

CHEMICAL RESISTENCE

NON FLAMMABLE

ME2 - 168 °C

N=0.010

YES

YES

for detailed chemical resistance, refer to https://sabdrain.com.au/chemical-resistance/

#### **Dimensions**

Sabdrain 951 10050 channels dimensions shall be an internal height of 50mm with an internal width of 100mm and an overall height of 80mm and width of 150mm, with Male/Female interlocking joints, the channels shall have provision to create a 2° (17M) Radius.

### Grates

Refer to the relevant specification sheet for the selected grate.

### Installation

The Sabdrain 951 100150 Drainage system shall be installed for its intended purpose. Any improper installation and usage could result in product failure.

