# CONTRACTOR GUIDE

# GRASSCRETE™

Permeable Paving System

## Installation Check List

✓ **Supplied former comes in 600x600mm size.**

✓ **Basecourse shall be 150-200mm deep and material is washed WAPP12**
Refer Grasscrete Laying Guide Traffic Applications, page 1

✓ **Bedding layer shall be 10-20mm thick and material is washed WAPP7**
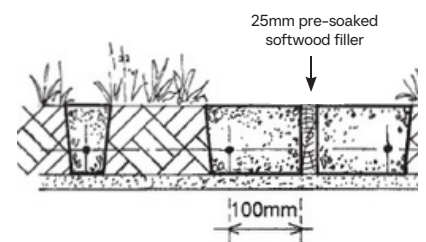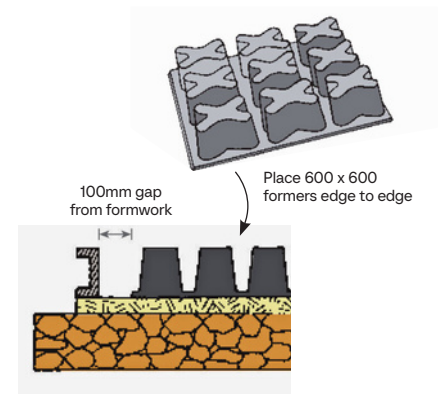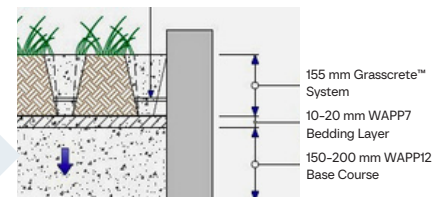Refer Grasscrete Laying Guide Traffic Applications, page 2

✓ **Ensure there is a minimum of 100mm of concrete collar on all sides**
Refer Grasscrete Laying Guide Traffic Applications, page 3

✓ **Ensure the maximum area without expansion joints is 10x10m centres**
Refer Grasscrete Laying Guide Traffic Applications, page 5
- Expansion joints shall consist of a 25mm pre-soaked softwood filler

✓ **Ensure concrete final slump is flowing for general applications or 75-100mm for steep slopes**
Refer Grasscrete Laying Guide Traffic Applications, page 6
- Ensure maximum water/cement ratio is 0.55
- Ensure maximum size aggregate is 10mm

✓ **Ensure the reinforcement mesh has min. diameter of 8mm with 200x200mm grids**
Refer Grasscrete Cast Insitu Paving System Design Spec, Page 15

✓ **Ensure you have enough media to fill voids and all gaps.**
When filling formers with media (soil), wet the media, fill and compact twice. Spread grass seed before final media layer. Ratio of concrete to void is 60:40 but more soil may be needed to fill the gaps.

155 mm Grasscrete™ System
10-20 mm WAPP7 Bedding Layer
150-200 mm WAPP12 Base Course

Place 600 x 600 formers edge to edge

100mm gap from formwork

25mm pre-soaked softwood filler

100mm

Stormwater360®

# Equipment required

Ensure you have the following equipment:

**Rubber bladed aluminium squeegee** for smoothing surface



| TIP | Drawing squeegee diagonal across will prevent the squeegee dropping into concrete ribs |
|---|---|

**Wooden board** to lay on top of the formers for staff to navigate through site



| TIP | Pouring concrete onto wooden board instead of former will dissipate energy and reduce former movement |
|---|---|

**Multi-headed Industrial LPG flame torch burner** to melt the Grasscrete former, available from Stormwater360



| TIP | Breaking/puncturing the former prior to melting will allow the heat to penetrate and melt the former quicker |
|---|---|

| TIP | Melt only the top part of the former to create opening, the sides does not need to be melted all the way to the bottom |
|---|---|





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