NOTES:
1. Specific site conditions may require an increase in the concrete encasement dimensions and/or reinforcement. It is the customer's responsibility to ensure the concrete encasement is designed for the application. A minimum concrete strength of 25MPa is recommended. The concrete should be vibrated to eliminate air pockets. Engineering advice may be required.
2. The finished level of the concrete encasement must be approximately 3mm above the top of the channel edge.
3. The pavers must be installed flush with the top of the concrete encasement.
4. For further details, refer to ACO’s design & site installation files at www.acodrain.com.au/resources

SPECIFICATION CLAUSE
SLABDRAIN H200KS - LOAD CLASS C-D

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE ACO'S SLABDRAIN H200KS POLYMER CONCRETE SHALLOW CHANNEL SYSTEM WITH STAINLESS STEEL EDGE RAILS AS MANUFACTURED BY ACO.

MATERIALS
H200KS CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH INTEGRALLY CAST-IN STAINLESS STEEL EDGE RAILS. PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS WITH SUPPORTING DOCUMENTATION:

- **Compressive Strength:** 98 MPa
- **Flexural Strength:** 26 MPa
- **Tensile Strength:** 14 MPa
- **Water Absorption:** 0.07%
- **Frost Proof:** YES
- **Coefficient of Expansion/Contraction:** 2.02x10⁻⁵/°C
- **Water Vapour Transmission:** 0.0364g/m²
- **Non Flammable:** YES
- **Coefficient of Roughness (Mannings):** n=0.011
- **Resistant to Weathering:** YES
- **Resistant to Dilute Acid and Alkali:** YES
- **SF Sealant Groove:** YES

CHANNELS
H200KS CHANNEL SHALL BE 200mm NOMINAL INTERNAL WIDTH WITH AN OVERALL WIDTH OF 250mm. CHANNELS SHALL HAVE AN OVERALL DEPTH OF 130mm FOR USE IN AREAS WITH DEPTH RESTRICTIONS. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

GRATES
INSERT SPECIFICATION FOR THE SELECTED GRATE. REFER TO THE RELEVANT ACO SPECIFICATION INFORMATION SHEET. CLICK: www.acodrain.com.au/resources

INSTALLATION
THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO AND TO BE INSTALLED FOR ITS INTENDED PURPOSE. ANY DEVIATION OR PARTIAL USE OF THE SPECIFIED SYSTEM AND/OR IMPROPER INSTALLATION WILL VOID ALL WARRANTIES PROVIDED BY ACO.

H200KS - SLABDRAIN - LOAD CLASS: C-D
FOR PAVERS

INSTALLATION DRAWING - ACO DRAIN

ACO Polycrte Pty Ltd
Australia
Ph: 1300 765 226
www.acodrain.com.au

ACO Limited
New Zealand
Ph: 0800 448 080
www.acodrain.co.nz