

# L37 - External stair, ramps, handrail and balustrades systems

## External Stair Products

To be read with Preliminaries/ General conditions.

### 310 Precast Step Unit:

1. Manufacturer: Schellevis® BV  
Address: Loswal 11, Dussen, 4271 BA, Netherlands  
Telephone: 07960988327 (Ryan Burge - UK Sales Manager)  
Email: ryan@schellevis.co.uk  
Website: [schellevis.co.uk](http://schellevis.co.uk)
  - 1.1. Product reference: *Schellevis® Step Units - please refer to standard assortment, or speak with Schellevis regarding bespoke options.*  
[www.schellevis.nl/en/knowledge-base/documentation/product-specifications](http://www.schellevis.nl/en/knowledge-base/documentation/product-specifications)
2. Material: Schellevis®
  - 2.1. Finish: Schellevis® Finish (“broken basalt / lava effect” on top and 4 sides)
  - 2.2. Profile: Standard 10mm pencil round to one long edge only, unless stated otherwise.
  - 2.3. Colour: Choose from standard assortment (or speak with Schellevis®) - Samples to be provided for approval if required.
  - 2.4. Slip Resistance: Minimum R13 Slip Rated
  - 2.5. Properties of the product:
    - 100% the same concrete composition (through and through colour)
    - Made with 50% recycled concrete granulate and 5% eco sand
    - Tiles are tapered outwards from the top face (1.5 mm per side)
    - Concrete quality minimum C35/45
    - Product certificate NL BSB® according to BRL 5070 KIWA
    - CSC concrete quality mark
    - CE certificate and DoP 530
    - 100% recyclable
    - NL Greenlabel
    - Quality according to EN 1339
    - Flexural strength:  $\geq 5,0$  N/mm<sup>2</sup>
    - Wear resistance:  $\leq 23$
    - Environmental class: XF4
    - Slip resistance: R13
    - Weather resistance (frost/thaw): 0.2 kg/m<sup>2</sup>
    - Reaction to fire: NPD
    - Country of origin: The Netherlands
    - Other technical characteristics: see art.
3. Size: *Please refer to standard assortment, or speak with Schellevis® regarding bespoke options.*

4. Accessories/ Special requirements: *Please discuss with Schellevis® directly. Please note visual strips/aids are not standard for Schellevis® Step Units, and detail must be agreed with Landscape Architect.*
5. Method of fixing: To be agreed with Schellevis® and Landscape Architect. Typically a suitable external adhesive, if being bonded to concrete substrate. Options for blockwork substrate or pedestal systems, must be discussed.
6. Cutting: All cuts must be made with water suppression, in line with H&S standards. Any cut pieces must be immediately cleaned with fresh water, to avoid staining.
7. Jointing: *Please speak with Schellevis® for jointing material options.*