

## Class 1

### Building Product Information Sheet

<b>Product name:</b>	
Sanela Toilet Flush Control – Chrome	
<b>Product identifier:</b>	
STUI01AC (mains powered)	
<b>Product description and its intended use:</b>	
<p>Sensor activated Sanela Toilet Flush controllers are manufactured from stainless steel (face plate), and brass. Are destined for mains pressured water systems with ambient temperature water only. The infrared sensor initiates water flow after the user has left. Touch free flushing eliminates spread of germs, keeps toilets fresh, blockage free, whilst water wastage is minimised. Perfect in areas where control of water usage is necessary.</p> <p>Intended use: The Sanela toilet flush controller is designed to automate toilet flushing in public spaces, educational facilities, sporting complexes/stadiums, commercial and industrial buildings. They are to be wall mounted above a single stall toilet (without cistern) System reacts to the user attendance in front of the toilet and flushes accordingly.</p> <p>Please see Sanela brochure for further technical information – <a href="http://www.splwashrooms.co.nz/wp-content/uploads/2024/02/Sanela-Toilet-Flush-Brochure.pdf">www.splwashrooms.co.nz/wp-content/uploads/2024/02/Sanela-Toilet-Flush-Brochure.pdf</a></p>	
<b>Place of manufacturer:</b>	<b>Manufacturer</b>
Overseas – Czech Republic	Manufactured for SPL (2021) Limited
<b>Legal and trading name of importer:</b>	
SPL (2021) Limited	SPL Washrooms
26 Gillies Street, Cambridge 3434	<a href="http://www.splwashrooms.co.nz">www.splwashrooms.co.nz</a>
<a href="mailto:office@splwashrooms.co.nz">office@splwashrooms.co.nz</a>	+6478235790
NZBN: 9429049512441	
<b>Relevant building code clauses:</b>	
<p>B2 Durability - B2.3.1(c)  E3 Internal Moisture - E3.3.5  F3 Hazardous Building Materials - F2.3.1  G1 Personal Hygiene –  - G1.3.2(a)  - G1.3.2(f)  - G1.3.2(g)  G13 Foul Water  - G13.3.1(b)  - G13.3.1(c)</p>	

**Statement on how the building product is expected to contribute to compliance:**

**B2 Durability**

- This toilet flush controller is a component within the plumbing services of a building. It can be easily inspected, accessed and maintained (without the removal of other building materials that have greater durability/life expectancy) via the stainless-steel access panel. Failure would be easily detected during normal use.

**E3 Internal Moisture**

- The stainless-steel access plate of the flush controller is impervious and able to be easily cleaned.

**F2 Hazardous Building Materials**

- This flush control unit has stainless steel, brass and ABS plastic construction that will not emit harmful concentrations of any substances that is exposed as per European Standards.

**G1 Personal Hygiene**

- This non - touch flush controller is designed for sanitisation, clearing human waste from a toilet, via ambient temperature water.
- This non-touch flush controller (sanitary fixture) is constructed and designed to be installed to allow effective cleaning.
- This non-touch flush controller (sanitary fixture) is constructed and designed to be installed to discharge to a plumbing and drainage system as required by G13 "Foul Water" when water-borne disposal is used.

**G13 Foul Water**


- This non – touch flush controller is a component of a plumbing system that will avoid the likelihood of foul air and gases entering buildings – human activated flush + periodic hygiene flush.
- This non–touch flush controller is designed to avoid the likelihood of blockage and leakage in normal use.

**Limitations on the use of the building product:**

- Unit requires 30mm water inlet.
- Suitable for ambient water supply only.
- Suitable for mains pressure (or pumped). Inlet pressure range 0.1 – 0.6 bar (100 - 600 kPa) Inf. flow 70l/min @ 150kPa.
- Not suitable for cistern feed toilets.

**Note:**

- 500 kPa maximum working pressure at any outlet within a building is a requirement of NZBC G12/VM1 - AS/NZS 3500.1 & AS/NZS 3500.4.
- Sensor to be wall mounted directly above each single stall toilet
- Consideration should be given to any regulations relating to an air gap, an air brake or double check valve to protect against back flow (not included)

<b>Design requirements that would support the use of the building product:</b>		
<ul style="list-style-type: none"> <li>• Hygienic non touch sensor activated toilet flush controller, with adjustable flush cycles flushes. Will only activate if user has been in range for min of 7.5 seconds. Also detects short stay or long stay and automates flush length accordingly. Hygiene Flush after 8x uses or 24hours of inactivity.</li> <li>• Manual Flush button (for cleaners)</li> <li>• External 230V 50Hz mains power transformer (included). Battery version available on request</li> <li>• Ability to isolate and regulate flow via in ball valve (not included)</li> <li>• Solenoid valve has option to regulate rate of flow. Also possible to flush a toilet by a turn of the coil of the solenoid valve (in the case of electricity blackout)</li> <li>• Replacement parts readily available at SPL warehouse (NZ)</li> </ul>		
<b>Installation and Maintenance requirements:</b>		
Please refer to 'Installation Manual' in the downloads section of the website <a href="https://www.splwashrooms.co.nz/wp-content/uploads/2024/05/Sanela-Toilet-Flush-Installation-Manual.pdf">https://www.splwashrooms.co.nz/wp-content/uploads/2024/05/Sanela-Toilet-Flush-Installation-Manual.pdf</a>		
Is the building product/building product line subject to warning or ban under section 26? NO		
Date: 15/12/2023	Signed: 	<b>SPL</b>