

Promenaid 2.0

Description

Promenaid is a modular, pre-engineered aluminium handrail system for residential and commercial use, indoors or outdoors. Its streamlined component design ensures durability, quick assembly, and reduced installation time. The Channelgrip™ profile enables hidden accessory mounting and optional integrated LED lighting, while the Sprocketlock™ system provides secure, versatile bracket and bend configurations for flexible applications.

Features

- Modular
- Durable and Versatile
- Pre-engineered components

Scope of Use

- Promenaid is intended as handrail support for stairs, ramps, walkways, balconies, and corridors in residential, commercial, and public settings, suitable for both interior and exterior installations.
- Where the installation will occur in private or public settings that align with NZBC accessibility and safety requirements, Promenaid must be installed in accordance with [NZBC AS/D1](#), Section 6.
- Promenaid may be installed in a vertical, horizontal, or diagonal orientation on a vertical substrate.
- PSP provides components and installation instructions for Promenaid to be wall-mounted and fixed to a timber structure that complies with the building code or to an existing structure that has the equivalent stiffness of the framing provisions for [NZS 3604:2011](#). Promenaid can also be mounted to glass for balustrade support.
- Promenaid must be installed with the proprietary integrated accessories, corners, bends, and optional IP65 rated LED lighting.
- Where Promenaid is to be installed in a wet area, the substrate must be waterproof.

Limitations

- Not suitable for fixing to aluminium, steel, concrete, or masonry unless specified by a qualified engineer. Ensure all fixings go into a stud or nog. If screwing into metal studs, ensure a 300mm long timber block is fitted into the steel stud to enable the handrail bracket to be screwed in securely.
- All Promenaid components are proprietary; use of third-party fittings or modifications may compromise performance and compliance.
- **CAUTION: An electrician may be required!** PSP advises that the Promenaid LED lighting modules can be installed by a DIY person but all mains connections must be installed by a qualified electrical

Product Components

- See Section 1.1 of the PSP Promenaid Installation Guide. CAD drawings of component profiles available on request.

Material Specifications

Promenaid Railing	Aluminium 6063-T5	Anodized finish: 18 microns
Promenaid Railing Vinyl Insert	Flexible PVC	Anti-slip and anti-bacterial.
Promenaid Connectors	Die cast zinc, Zamak 3	With polyester / polyester-urethane powder-coated finish, or black chromate finish.
Promenaid Connector Fasteners	Steel, zinc plated.	M5 Screws.
Promenaid Fastener Hold Plugs	Plastic	ASA, in black, silver, white or neutral colour as
Promenaid O-Rings	Rubber	Buna-N, Black.

Basis of Product Data

All technical data stated in this Product Data Sheet are based on data of the Promenaid system provided by the manufacturer.

Local Restrictions: please note that as a result of specific local regulations the performance of this product may vary from country to country.

Additional Information

The system must be designed, specified, installed, and maintained with all of PSP Limited requirements. Details may be subject to change without notice, for the latest design, installation, and maintenance-related information, refer to www.psp.co.nz.