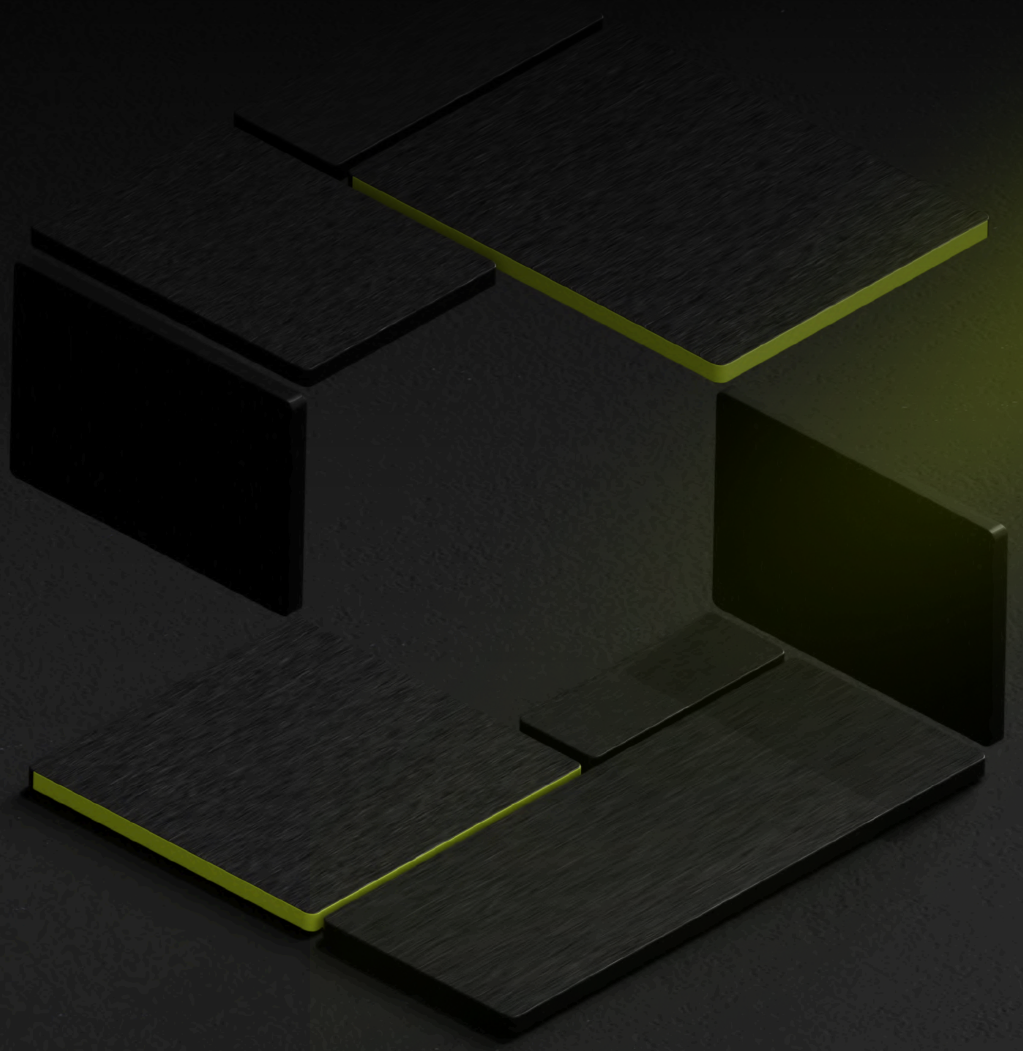
S4S NORDIC Self-Storage System

Partitioning Walls



1 PRODUCT DESCRIPTION

Partition walls are designed to create secure, durable and flexible storage units within indoor self-storage facilities. Manufactured from high-quality galvanized steel, the modular system offers long-lasting performance, efficient space utilization and seamless integration with other S4S NORDIC components.

Product Type	Modular steel partition wall system
Application	Indoor self-storage facilities
Material	Aluminium-zinc coated steel
Height	2,100–3,000 mm
Width	1,000 mm
Colour	Metallic Al-Zn finish



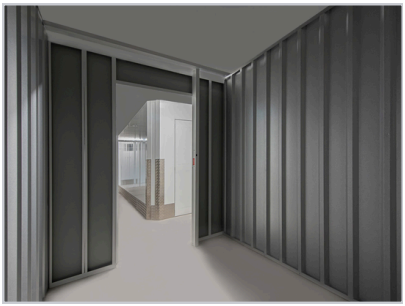
2 TECHNICAL INFORMATION

STEEL THICKNESS
0.5 mm
tolerance +/- 0.02

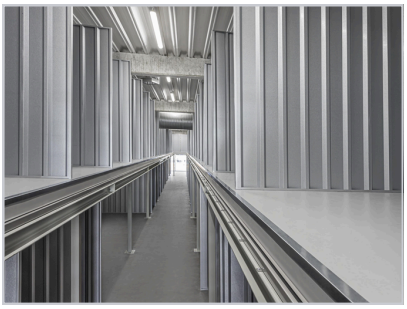
REACTION TO FIRE
A1 - S1,d0
EN 13501-1

SCRATCH RESISTANCE
N/A
EN 13523-12

CORROSION RESISTANCE
N/A
EN 10169







3 TECHNICAL SPECIFICATIONS

Steel Manufacturer / Supplier	Provided upon request
Source Product	T-35 profile (35 mm corrugation)
Steel Grade	S250GD (walls) / S280GD (profiles)
Steel Thickness	0.5 mm (walls) / 0.7 mm (profiles)
Surface Treatment	Al-Zn metallic coating
Metallic Coating Designation	AZ150 (walls) / AZ185 (profiles) (g/m²)
Surface Finish	Unpainted Al-Zn metallic coating
Reaction to Fire	Class A1 — EN 13501-1 for specified AZ185 coated sheet
Corrosion Resistance	No RC5+ or other EN 10169 class established for the supplied wall panel
Scratch Resistance	Not declared
UV Resistance	Not declared; no organic coloured coating specified
Stain Resistance	Not declared
Environmental Conditions	Indoor self-storage facilities
Installation Method	Modular assembly with mechanical fixings
System Compatibility	S4S NORDIC corridor walls and doors

4 SPARE PARTS & REPLACEMENT

PROPERTY	SPECIFICATION
Steel Wall Panels	Replace individual damaged panels where assembly permits
Profiles / Channels	0.70 mm
Fasteners	4.2 x 13.0 DIN-7504-K
Dip-moulded Cap	Black PVC, 3.5 × 13 mm

5 OPERATION & MAINTENANCE

INSPECTION AFTER INSTALLATION

- Remove swarf, leftover fixings, protective films and other debris.
- Check all wall parts are firmly joined and the coating is free of dents and scratches.
- Repair any damage immediately; protect every cut edge.
- For micro-scratches: wipe with a soft cloth and lukewarm water only, along the profile direction.
- Paint damage: use touch-up paint to restore the protective coating

REGULAR INSPECTION

- Inspect regularly, based on use and site conditions, by trained staff.
- Check surfaces, edges, corners and fixings for dents, scratches, corrosion, blistering or loose parts.
- Corrosion or peeling: clean, prime and repaint in the manufacturer's recommended colour.
- Small damage: original touch-up paint on the damaged spot only — no spray paint.
- Replace damaged or deformed parts with original or supplier-approved parts.

ROUTINE CLEANING

- Soft cloth or microfibre with a mild, neutral detergent (pH 6–8) diluted in warm water.
- No solvents, abrasive particles or strong acidic/alkaline cleaners.
- Clean the whole panel, not only the mark, to avoid local gloss differences.
- Work along the profile direction, not across it.
- Use water-diluted dish soap or ready-to-use window or glass cleaners
- Rinse with clean water soaked cloth

STUBBORN STAINS

- Remove grease, stains and spills within 48 hours.
- Acetone diluted with water, left no longer than 2 minutes, then rinsed and dried.
- Repeat the cycle if the surface is not fully clean.
- Melamine sponge with a mild, non-abrasive cleaner as a last resort — no pressure, whole panel.
- Test any cleaner on a small, concealed area first.

DO NOT USE

Abrasive or aggressive cleaners such as scouring pads, steel wool or sandpaper · products containing hydrogen peroxide · floor cleaners with linseed oil, washing powder, silicone-based furniture and plastic cleaners, bleach, petroleum-based cleaners, turpentine, solvents and thinners, scouring powder, white spirit · strong undiluted acids, alkalis or salts · high-pressure washers · paint removers.

6 DRAWINGS

