

Suprawall

Partition profiles

Product Data Sheet

04/2026



Product Description

A product of Knauf Group from Germany, Suprawall profiles is a high-quality product that meet all high requirements of engineering, safety, and aesthetic. It is designed for drywall solutions which is required on acoustic, fire-resistant, impact performance in residential projects, industrial, office, commercial, and hospitality building.

Advantages

- Integrated with Knauf's plasterboard to offer highest performance of fire-rated EI180 and acoustic STC55.
- Galvalume steel with robust coating to ensure optimal load-bearing performance.
- German brand, built for lasting durability.

Compliance

- ASTM C645/ C645M
- TCVN 13604 : 2023

Product Specification

Product	Length (mm)	Width (mm)	Height (mm)	Thickness ⁽¹⁾ (mm)	Coating ⁽²⁾ (g/m ²)	Package (pcs/pack)
Suprawall stud 51/64/76/92/ 102/150	3000	51/ 64/ 76/ 92/ 102/ 150	33/ 35	0.5/ 0.72	AZ50 Min 50 (g/m ²)	10
Suprawall track 51/64/76/92/ 102/150	3050	53/ 66/ 78/ 94/ 104/ 152	30	0.5/ 0.72	AZ50 Min 50 (g/m ²)	10

(1) Total coating thickness (TCT). Thickness of 0.72mm is used for Suprawall 150 as minimum required.

(2) Minimum coating on both sides.

Special length is made to order.



Certifications are being available for products manufactured at Knauf Vietnam plants.
EPD availability for Suprawall stud 92 and track 94.

Technical Specification

Item	Unit	Suprawall	Test method
Penetration test ^(*)	s	≤ 2	ASTM C645-18

(*) Penetration test on profile according to ASTM C645-18.

Application

Suprawall partition profile is designed for interior drywall system and should be installed with KNAUF's plasterboard to be achieved best performance.

Drywall system	SupraWall Stud size (mm)	Layer x Span of Studs (mm)	Layer x Thickness of board (mm)	Wall Width (mm)	Max Height (m)	Fire Rating EI (*) (minute)	Acoustics, STC/Rw (**)(dB)
SAFEWALL	64	1 x @610	1 x 12.7	92	3.4	-	40
	76	1 x @610	1 x 12.7	104	3.7	-	42
	92	1 x @610	1 x 12.7	120	4.0	-	43
QUIETWALL	51	2 x @610	2 x 12.7	157	4.6	60	55 ^(TN)
FIREWALL	76	1 x @610	2 x 12.7	117	4.6	120 ^(TN)	50
	92	1 x @610	1 x 15.9	126	5.2	60 ^(TN)	48
	102	1 x @610	2 x 15.9	168	5.6	150 ^(TN)	55
	150	1 x @610	3 x 15.9	248	7.2	180 ^(TN)	56

Values in the table are nominal.

This is a non-load-bearing internal partition system.

For further details, please refer to the technical guide: Knauf Systems+

(*) Reference for full system from Knauf.

(**) Using Knauf Insulation 50mm of thickness, 24 kg/m³ of density.

(TN) Test Report

Sustainability

Suprawall stud 92/ track 94 profile contributes to achieve the Sustainability certification at building projects:

LEED v4

- EA** : Optimize Energy Performance
- MR** : Building Life Cycled Impact Reduction
- MR** : BPDO – Environmental Product Declaration (EPD)
- MR** : BPDO – Sourcing of Raw material
- MR** : BPDO – Material Ingredients (HPD)
- EQ** : Low-Emitting materials (VOC report)

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EPD
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EPD
INTERNATIONAL EPD SYSTEM

Climate declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kgCO₂ eq.) for 1 meter of Suprawall stud 92/ track 94 profile with thickness of 0.5mm

Product stage (A1 – A3) Cradle to Gate	Product + Construction stage (A1 – A5) Upfront carbon
1.93E+00	2.02E+00
1.77E+00	1.85E+00

Limitation

- Avoid exposure to temperatures exceeding 52°C in prolonged time.
- Install the system in dry, well-ventilated areas and maintain RH at 30%–60%; provide supplemental ventilation when ambient RH exceeds 60%; and keep conditions within these limits during and after installation.
- Installation shall be free from excessive humidity, chemical fumes, corrosive substance, freezing temperature or vibration.
- The quality assurance shall not over the damages caused by fire or direct contact with water including condensation, caustics substance or vapor due to leaks or temperature and humidity conditions which cause condensation to develop on the plasterboards, or other elements of nature or by any form of physical abuse.
- Wall cavities, floor cavities and other enclosed areas must be dry prior to being closed and application of interior finishing. Insulation in the floor cavities must be dry.
- For safety reason, do not walk on the profiles/frame.

Storage and Transportation

- Stored and transported in dry, non-wet conditions (not under the impact of rain, seepage and poor ventilation in prolonged high humidity condition)
- Profiles should be stored neatly, flat high off the ground, indoor, at dry area to prevent sag and minimize impact to edges and surface.
- Profiles package should be placed on at least 3 supports and 400mm away from the end.
- No more than 6 packages on a vertical stack.

Finishing and Decoration

- The suspension system is calculated and designed based on technical requirements and actual condition of projects.
- Knauf recommends using with Knauf's plasterboard and accessories to be achieved best performance.
- It is essential that the level of finish is determined at the design stage, as each level has specific requirements for tolerances, plasterboard installation, joints, and finishes. The desired level of finish may not be achieved unless all these requirements are met through the various design stages of construction.
- For more finishes, please refer to the technical guide Knauf Systems+



HO CHI MINH OFFICE: 7th Floor, Harbour View Tower, 35 Nguyen Hue Street, Sai Gon Ward, Ho Chi Minh City, Vietnam.

HO CHI MINH PLANT: Lot B3a, Hiep Phuoc Industrial Zone, Hiep Phuoc Commune, Ho Chi Minh City, Vietnam.

HA NOI OFFICE: Office Area – No. 29 Lieu Giai Street, Ngoc Ha Ward, Ha Noi City, Vietnam.

HA NOI PLANT: Land Plot CN4.4A, Dinh Vu IP, Dinh Vu – Cat Hai Economic Zone, Dong Hai Ward, Hai Phong City, Vietnam.

Information provided is for reference purpose only. Products, specifications and requirements may vary according to geographical locations and applications. As each project is unique, please contact your nearest Knauf representative for further product, solution and technical supports.

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