

Pro C

C channel ceiling profile

Product Data Sheet

04/2026



Product Description

Pro C is a high-quality product, high requirements of engineering, safety, and aesthetic. Pro C is being used for high-end residential projects, apartments, and townhouses. Pro C Concealed Ceiling System is not only provided beautiful flatness concealed ceilings but also used for fire resistance and sound insulation solutions.

Advantages

- Wavy lines design that enhances the load-bearing and strong frame system.
- Xtra connector for fast and flexible installation.
- German brand, built for lasting durability.

Compliance

- ASTM C635/ C635M
- TCVN 12694:2020

Product Specification

Product	Length (mm)	Width (mm)	Height (mm)	Thickness ⁽¹⁾ (mm)	Coating ⁽²⁾ (g/m ²)	Package (pcs/pack)
Pro C	4,000	35	14	0.4	AZ50 Min 50 (g/m ²)	20

(1) Total coating thickness (TCT).

(2) Minimum coating on both sides.

Special length is made to order.



Certifications are being available for products manufactured at Knauf Vietnam plants.

Technical Information

Item		Unit	Pro C	Test method
Straightness	Bow	mm	$\leq 0.8\text{mm}/600\text{mm}$	ASTM C635-22
	Camber		$\leq 0.8\text{mm}/600\text{mm}$	
Twist angle		°	$\leq 1^\circ/600\text{mm}$	
Load-carrying capabilities of main runner ^(*)		-	Intermediate	

(*) Load-carrying capability of Pro C main runner meets the intermediate duty class according to ASTM C635-22.

Application

Pro C ceiling profile is designed for interior suspension ceiling system and should be installed with Knauf's plasterboard to be achieved best performance.

Ceiling profile	Board thickness (mm)	Layer of board	Max main runners span – center to center (mm)	Max secondary runners span – center to center (mm)
Pro C	9/ 9.5	1	1100	406
	12.7	1	800	406

Values in above table are nominal and for indicative purposes only.
The span should be calculated depend upon actual installed conditions.
Further details, please refer to the technical guide Knauf Systems+.

Sustainability

Pro C ceiling 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
INTERNATIONAL EPD SYSTEM



CD

Climate declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 meter of Pro C profile with thickness of 0.4mm

Product stage (A1 – A3) Cradle to Gate	Product + Construction stage (A1 – A5) Upfront carbon
6.59E-01	6.75E-01

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 suspension system.

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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