

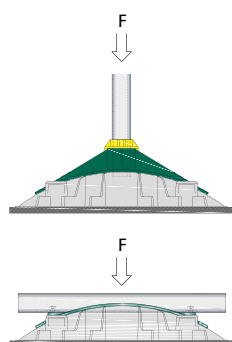
Walraven Yeti® 480

Technical Data Sheet

All internal tests were conducted using the Walraven RapidStrut® 41|H channel type. The test results were evaluated in accordance with the STEP method, as outlined in the RAL GZ-655:2008 guideline. The recommended load values presented in this data sheet are based on actual tests and are further supported by the manufacturer's extensive experience with previously installed projects.



Articlecode	Description	Total Width (mm)	Total Length (mm)	Total Height (mm)	Height 2 channel base (mm)	Effective area A_{eff} [m²]	Weight [kg]
67685001	Walraven Yeti® 480 vertical	486,1	486,1	158,4	75,0	0,182	4,50
67685101	Walraven Yeti® 480 horizontal	486,1	486,1	91,3	70,5	0,182	4,38



	Standing on concrete	Standing on styrodur 4000 CS, ds	Standing on EPS DAA dm
Characteristic resistance R_k [kN]	25,48	24,73	23,77
Recommended Load F [kN]	12,74	12,37	5,46

The recommended Load [kN] is calculated by applying a safety factor of 1.4 for static load considerations, 1.1 for potential material variations, and 1.3 for empirical data usage, resulting in a total factor of $\gamma=2.0$.

The recommended Load [kN] also considers the long-term maximum compression force permitted for the type of insulation, based on the manufacturer's technical data.

Sound reduction and UV-resistance impact



Sound & vibration proof

With non-slip anti-vibration mat.

Type of foot	Load per foot	Insulation type	Sound reduction acc. EN ISO 717-2
Walraven Yeti® 480	100 kg	without	$\Delta L_w = 28$ dB
Walraven Yeti® 480	100 kg	EPS DAA dm	$\Delta L_w = 31$ dB
Walraven Yeti® 480	200 kg	EPS DAA dm	$\Delta L_w = 30$ dB
Walraven Yeti® 480	300 kg	EPS DAA dm	$\Delta L_w = 30$ dB



Test procedure

EN ISO 16474-3:2014-02

method

A

cycle

1

conclusions

Sufficient resistance to UV exposure



EN ISO 4628-1:2016-03

EN ISO 178:2011 + A1:2013-06

For a detailed calculation, design and for support how to spread the load, please contact Walraven Technical Support.

Find out how we can support you

Would you like to find out more about any of the solutions described in this Technical Data Sheet?
Or would you like to discuss how we could help you find the best possible solution for your project?
Get in touch today!

Technical Data Sheet Walraven Yeti® 480 (EN-INT) – 07/2025 – PDF – Full content subject to modifications
* The technical data are non-binding and do not reflect the warranted characteristics of the products. They are subject to change. Please consult our General Terms and Conditions. Additional information is available upon request. It is the designer's responsibility to select products suitable for the intended purpose and to ensure that performance data are not exceeded. The installation instructions should always be read and followed.

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