

Fire protection wall – WP-F

Visible mounting

Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

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|----------------------|---|
| EXTERIOR: | <ul style="list-style-type: none">Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).Profile 1 = Standard, for other profiles see WP-F profilesMetal gauge: 0.6 mm (smaller metal gauge on request) |
| INTERIOR: | <ul style="list-style-type: none">Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).Profile 1 = standard (profile 2 and 3 on request)Metal gauge: 0.6 mm (smaller metal gauge on request) |
| INSULATION CORE: | <ul style="list-style-type: none">Structural, web-oriented mineral fibre woolSecurely attached to the sheet steel shellDensity approx. 120 kg/m³, 140 kg/m³ available on request |
| FIRE BEHAVIOUR: | <ul style="list-style-type: none">In accordance with EN 13501-1, Euroclass A2s1d0, non-combustible |
| STANDARDFARBEN: | <ul style="list-style-type: none">In accordance with BASIC colour range |
| PANEL CONNECTION: | <ul style="list-style-type: none">Tongue and groove system in which the panels interlink precisely with no thermal bridge. |
| SPECIFICATIONS: | Download from www.brucha.com |
| EXTERNAL MONITORING: | National and international tests, quality standards |
| VAPOUR DIFFUSION: | <ul style="list-style-type: none">Determined by climatic conditions inside building. Panels must be installed vapour tight. |
| PANEL INSTALLATION: | <ul style="list-style-type: none">When working with our products, please follow our installation guidelines at www.brucha.com/downloads. |

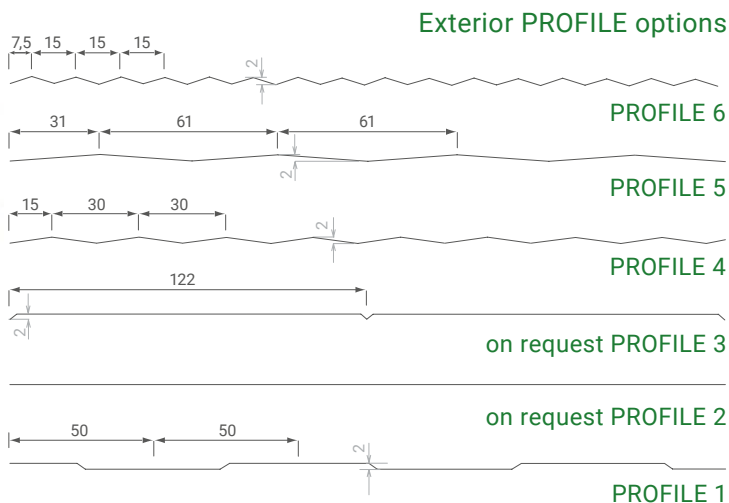
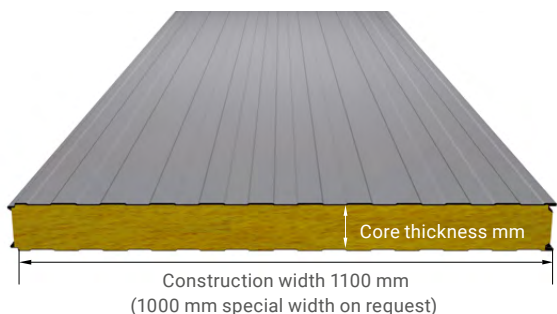


We will be happy to send certificates on request!

BRUCHAPaneel®

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BRUCHAPaneel panel WP-F with mineral wool core can be combined with BRUCHAPaneel WP with polyurethane core using an adaptor panel.

| Panel type | WP-F60 | WP-F80 | WP-F100 | WP-F120 | WP-F140 | WP-F150 | WP-F160 | WP-F180 | WP-F200 | WP-F240 |
|---|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Core thickness mm | 60 | 80 | 100 | 120 | 140 | 150 | 160 | 180 | 200 | 240 |
| U value W/m ² K - EN 12667 including joint section | 0.64 | 0.48 | 0.39 | 0.33 | 0.28 | 0.26 | 0.25 | 0.22 | 0.20 | 0.17 |
| U value W/m ² K - EN 14509 including joint section | 0.70 | 0.52 | 0.41 | 0.35 | 0.30 | 0.29 | 0.27 | 0.24 | 0.22 | 0.18 |
| Weight kg/m ² | 17.4 | 19.8 | 22.2 | 24.6 | 27.0 | 28.2 | 29.4 | 31.7 | 34.2 | 39.0 |
| Fire resistance* | EI 30 | EI 60 | EI 90 | EI 120 | EI 120 | EI 180 | EI 180 | EI 180 | EI 240 | EI 240 |

*Certificates must be checked for the usage case in question (horizontal/vertical/span width etc.).

Detail/joint geometry

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|----------------------------------|--|
| Manufacturing tolerances: | In line with EN 14509 |
| Manufacturing lengths: | Max. 15.6 m (extra-long transport from 13.6 m) ATTENTION! Danger of kinking due to heavy weight in the case of long panels! |
| Span width tables: | From Dr Wilhelm Pilgram – Vienna |
| Sound insulation: | 32 dB (frequency dependent) |
| Fire behaviour: | In accordance with EN 13501-1, Euroclass A2s1d0, non-combustible |

