

KRONOSPAN LIMITED Chirk Wrexham LL14 5NT U.K.

Mr David Williams
Planning Service Manager
Wrexham County Borough Council
Guildhall Wrexham
WREXHAM
LL11 1AY

Ref:
KB/DW/01/2021

Telephone Number:
01691 775320

Date:
8th June 2021

Subject: Planning Case Number. P/2018/0551 – Kronospan Ltd, Holyhead Road, Chirk, Wrexham, LL14 5NT. – Planning Application for the development of an orientated strand board production facility

Schedule of Conditions for Appeal ref: APP/H6955/a/19/3227571

Dear Mr Williams:

Please find below our application to discharge the conditions related to the planning approval listed above:

Condition 4: Notwithstanding the approved plans, details of the colour of all the proposed cladding shall be submitted to and approved in writing by the local planning authority. The development shall be carried out strictly in accordance with the details as approved and retained thereafter.

We have included the following photos of the colour of the external cladding to be use of both the walls and roof of the building:-

Appendices:

1. Ral. 7038 Agate Grey (Colour)
2. Ral. 7038 Label (reverse of sample)

Condition 5: The development hereby approved shall not be brought into use until the noise mitigation measures as set in section 6 of the NVC Noise impact assessment dated 12 June 2018 have been implemented in full.

6.0 Mitigation

6.3 Introducing suitable cladding to the building extension that provides adequate noise insulation. The proposed cladding to have an Rw value of 32dB or greater.

We have included photographs of both the roof and wall cladding to be used on the building and the supplier specification sheets. The cladding colour is incorrect in the photographs but will comply with condition 4 (appendix 1 & 2) for both roof and walls:-

Appendices:

3. Wall cladding (Outside)
4. Wall cladding (Inside)
5. Brucha Composite Wall Panel (Datasheet)
6. Roof cladding (Outside)
7. Roof cladding (Inside)
8. Brucha Composite Roof Panel (Datasheet)

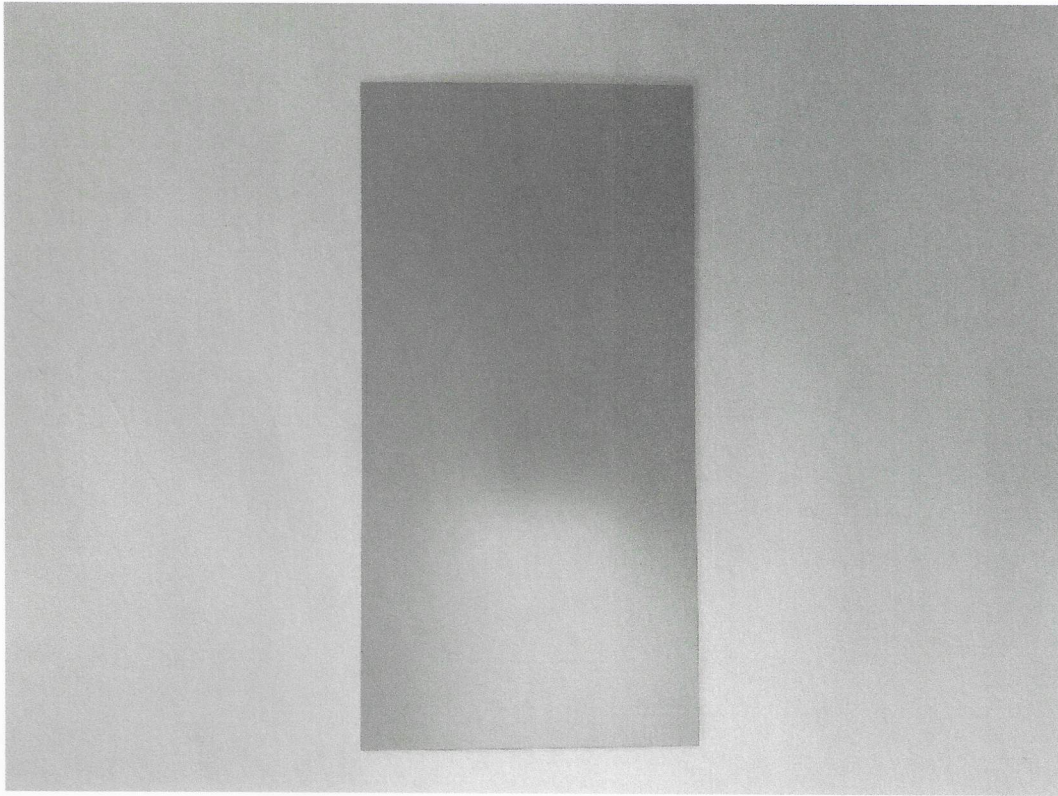
For both the roof and wall cladding the panels to be used have been tested with a thickness of 100mm (confirmed by supplier) and have an Rw value of 32dB. The cladding for both walls and roof will have a thickness of 120mm and therefore will exceed the noise insulation level proposed in the NVC report dated 12 June 2018.

If you have any questions about our responses please do not hesitate to contact me.

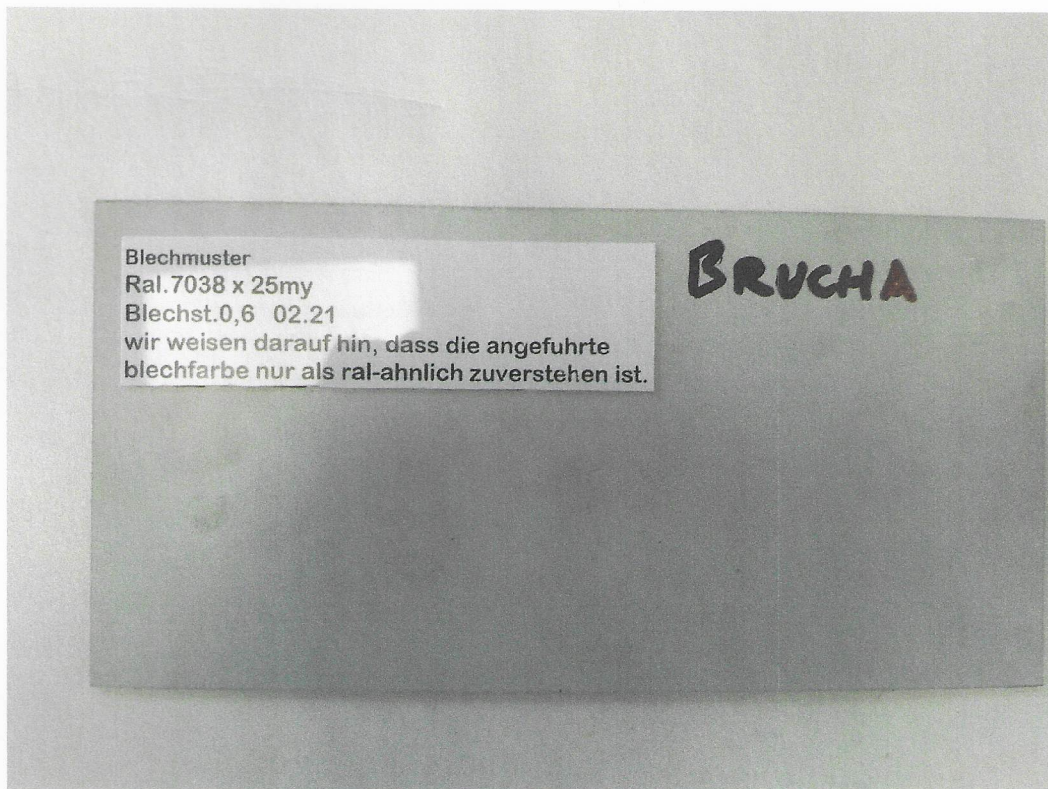


Keith Baker
Safety Health and Environment Manager

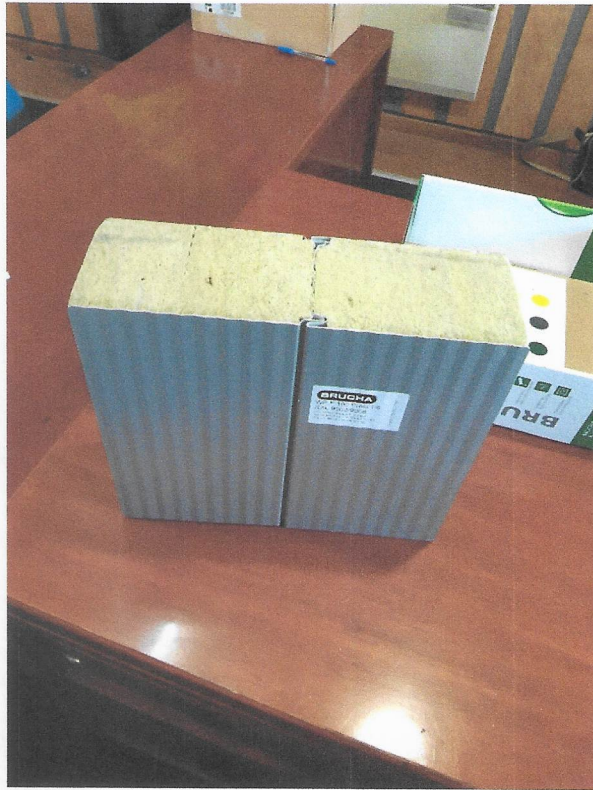
Appendix 1. Ral 7038 Agate Grey (Colour)



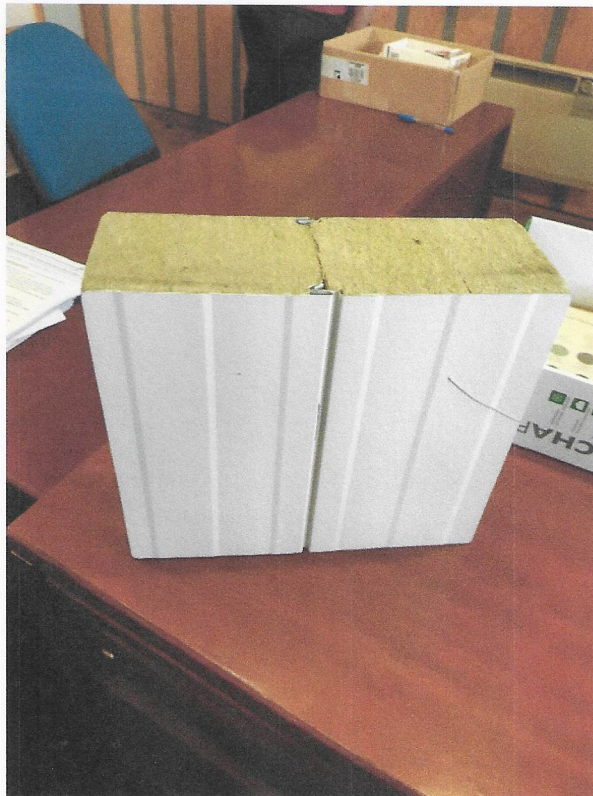
Appendix 2 Ral. 7038 Label (Reverse of sample)



Appendix 3. Wall Cladding (Outside)



Appendix 4. Wall Cladding (Inside)



BRUCHA[®]Panel[®]

Fire protection wall – WP-F

Visible mounting

Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	- 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 profiles - Metal gauge: 0.6 mm (smaller metal gauge on request)
INTERIOR:	- 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:	- Structural, web-oriented mineral fibre wool - Securely attached to the sheet steel shell - Density approx. 120 kg/m³, 140 kg/m³ available on request
FIRE BEHAVIOUR:	In accordance with EN 13501-1, Euroclass A2s1d0, non-combustible
STANDARD FARBEN:	In accordance with BASIC colour range
PANEL CONNECTION:	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:	Determined by climatic conditions inside building. Panels must be installed vapour tight.
PANEL INSTALLATION:	When working with our products, please follow our installation guidelines at www.brucha.com/downloads.



We will be happy to send certificates on request!

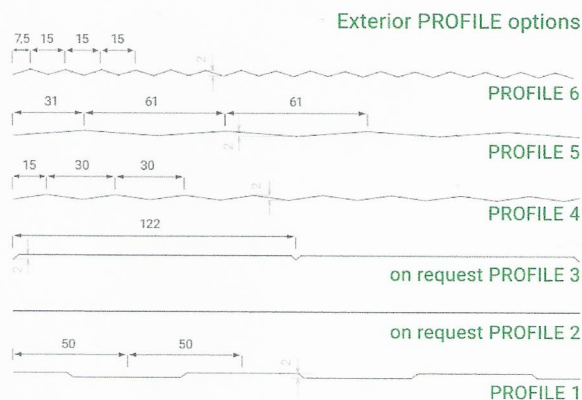
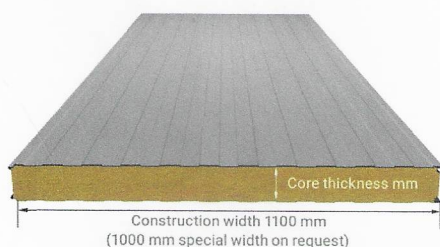
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BRUCHAPanel®**Fire protection wall – WP-F**

Visible mounting

BRUCHAPanel®

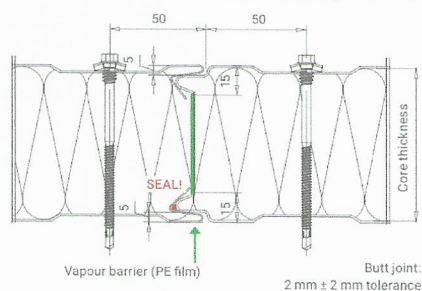


BRUCHAPanel panel WP-F with mineral wool core can be combined with BRUCHAPanel WP with polyurethane core using an adaptor panel.

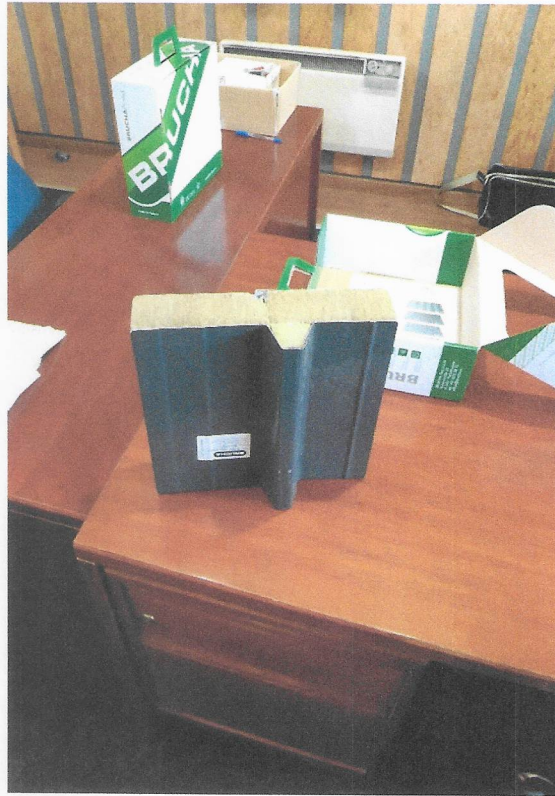
Panel type	WP-F60	WP-F80	WP-F100	WP-F120	WP-F140	WP-F150	WP-F160	WP-F180	WP-F200	WP-F240
Core thickness mm	60	80	100	120	140	150	160	180	200	240
U value W/m²K - EN 14509 including joint section	0.70	0.52	0.41	0.35	0.30	0.29	0.27	0.24	0.22	0.18
Weight kg/m²	17.4	19.8	22.2	24.6	27.0	28.2	29.4	31.7	34.2	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.).

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

Detail/joint geometry

Appendix 6. Roof Cladding (Outside)



Appendix 7. Roof Cladding (Inside)



BRUCHAPaneel®

Fire protection roof – DP-F

Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	- 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: Trapezoidal profile, 42 mm (according to diagram) - Crown distance: 333.3 mm - Metal gauge: 0.6 mm (smaller metal gauge on request)
INTERIOR:	- Exposed side has 25 µm polyester coating without protective PVC film (if required, please specify with order). - Profile 1 = standard (profile 2 and 3 on request) - Metal gauge: 0.6 mm (smaller metal gauge on request)
INSULATION CORE:	- Structural, web-oriented mineral fibre wool - Securely attached to the sheet steel shell - Density approx. 120 kg/m³, 140 kg/m³ available on request
FIRE BEHAVIOUR:	In accordance with EN 13501-1, Euroclass A2s1d0, non-combustible
STANDARD COLOURS:	In accordance with BASIC colour range
PANEL CONNECTION:	- External, by overlapping of the profiles, whereby the non-foamed sheet of a panel is placed over the corresponding section of the next panel. - On the underside, by special shaping, whereby the complementary profile to the profile of one roof panel overlaps the profile of the second panel. The included seals offer additional reliability, achieving a reliably tight connection. - Capillary break (acc. drawing).
SPECIFICATIONS:	Download from www.brucha.com
EXTERNAL MONITORING:	National and international tests, quality standards
VAPOUR DIFFUSION:	Determined by climatic conditions inside building. Panels must be installed vapour tight.
PANEL INSTALLATION:	When working with our products, please follow our installation guidelines at www.brucha.com/downloads.



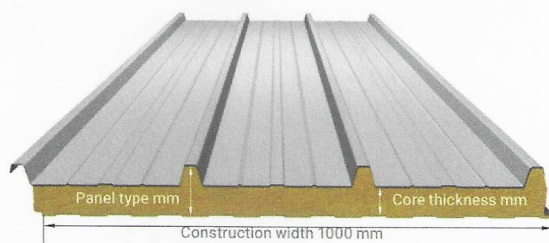
We will be happy to send certificates on request!

BRUCHAPaneel®**Fire protection roof – DP-F**

Minimum roof pitch 3° (5.2%) without transverse joint and penetration.

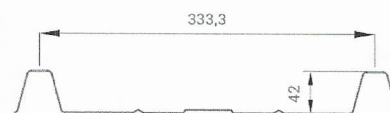
BRUCHAPaneel panel DP-F with mineral wool core
can be combined with BRUCHAPaneel DP with polyurethane core.

BRUCHAPaneel®



TRAPEZOID PROFILE exterior

Cut-out



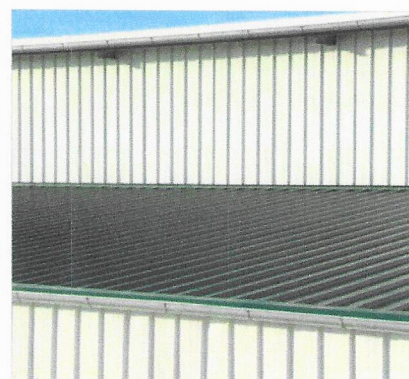
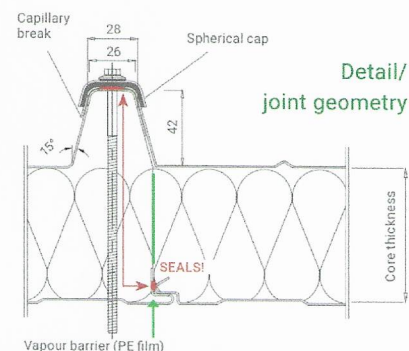
Panel type	DP-F102	DP-F122	DP-F142	DP-F162	DP-F182	DP-F192	DP-F202	DP-F222	DP-F242
Core thickness mm	60	80	100	120	140	150	160	180	200
U-value W/m²K in line with EN 14509 including joint section	0.65	0.50	0.41	0.35	0.30	0.28	0.26	0.24	0.21
Weight kg/m²	18.7	20.9	24.4	26.9	29.5	30.8	31.9	33.6	36.3
Fire resistance*	REI 30	REI 90	REI 90	REI 90	REI 90	REI 90	REI 90	REI 90	REI 90

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

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

A notch in the eave area is required in order to rule out any possibility of the sheet metal shell lifting up from the insulation body (available at a surcharge).

Similarly, a drip cap should be fitted in the eave area so as to prevent a capillary effect (only possible on the construction site). These measures prevent the formation of corrosion between the sheet metal shell and the insulation. We recommend to cover the core in the end with (part No. Z 13b) cog sheet.

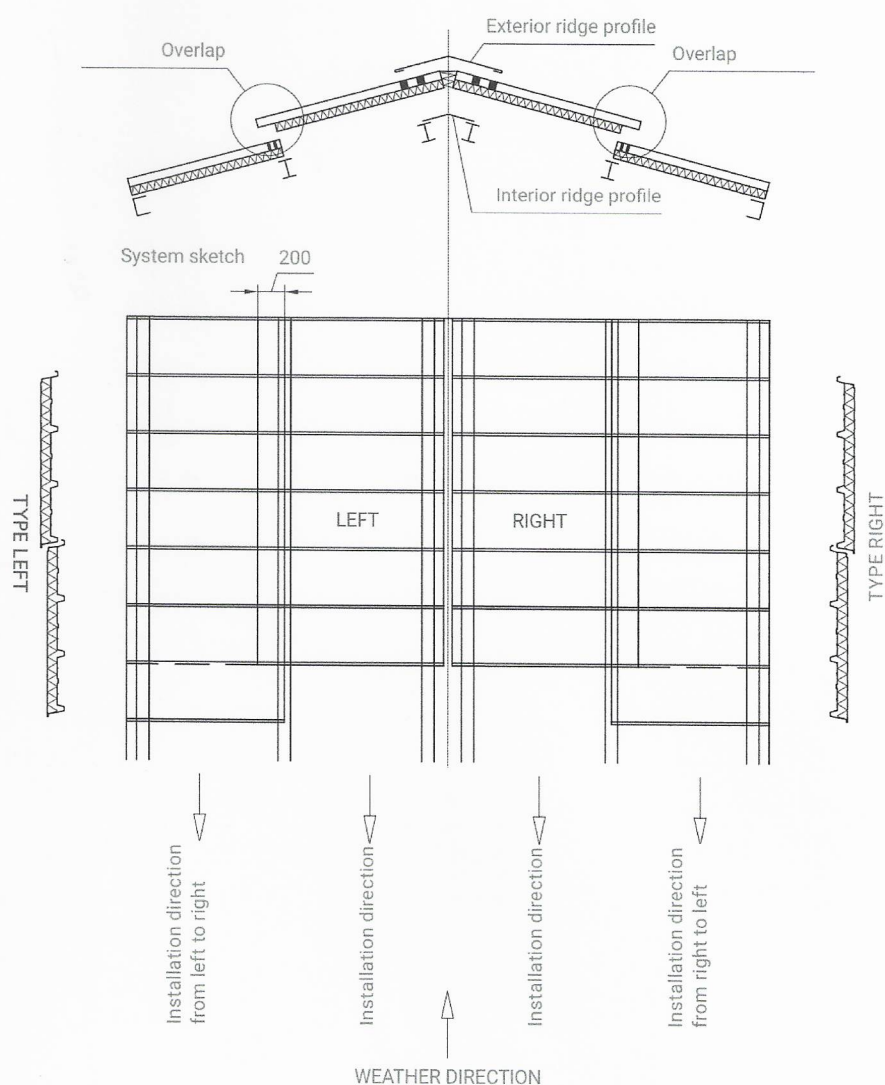


BRUCHAPanel®

Fire protection roof – DP-F

ROOF ELEMENTS WITH TRANSVERSE JOINT AND OVERLAP

With transverse joints, penetrations or roof lights – minimum pitch 5° (8.6%)



BRUCHA

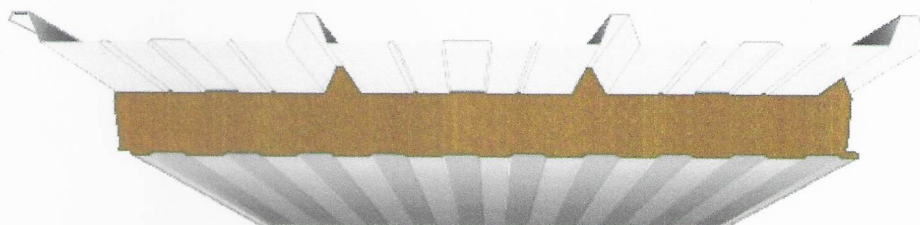
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Fire protection roof – DP-F

BRUCHA Panel®

SHEET METAL SEPARATION CUT – NOTCHES



A notch in the eave area is recommended in order to rule out any possibility of the sheet metal shell lifting up from the insulation body (available at a surcharge).

Similarly, a drip cap should be fitted in the eave area so as to prevent a capillary effect (only possible on the construction site).

These measures prevent the formation of corrosion between the sheet metal shell and the insulation.

Please state when ordering	Notch length
Notch in eave	60 mm (standard)
Notch for overlap	200 mm (standard)

Possible notch lengths 60, 80, 100, 120, 150, 200, 250 and 300 mm.

TRAPEZOID METAL SHEET 42/333 suitable for DP and DP-F

NOTCH METHOD (viewed from eave):

