

**BRUCHA**Panel®

## Color range - Profile selection



**BRUCHA**®

Panels that Connect

BRUCHAPaneel® BASIC color range

REGULAR 25 µm



GRAY WHITE  
RAL 9002  
E: Facade/Wall/Roof  
I: Facade/Wall/Roof



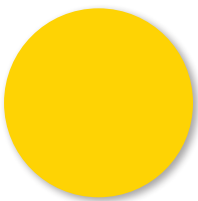
PURE WHITE  
RAL 9010  
SR: 74.5 | SRI: 91  
E: Facade/Wall/Roof  
I: Facade/Wall/Roof



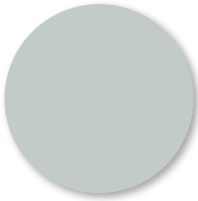
CREAM WHITE  
RAL 9001  
E: Facade\*/Wall/Roof\*  
I: Facade/Wall/Roof\*



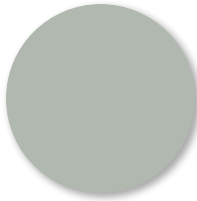
LIGHT IVORY  
RAL 1015  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



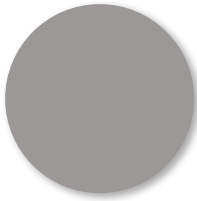
ZINC YELLOW  
RAL 1018  
SR: 56.9 | SRI: 66  
E: Facade\*/Wall\*/Roof\*  
I: Facade\*/Wall\*/Roof\*



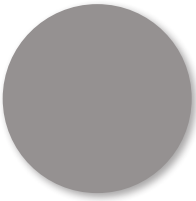
LIGHT GRAY  
RAL 7035  
SR: 52.9 | SRI: 61  
E: Facade/Wall\*\*/Roof  
I: Facade\*\*/Wall\*\*/Roof\*



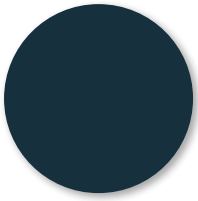
AGATE GRAY  
RAL 7038  
SR: 40.4 | SRI: 44  
E: Facade\*/Wall\*/Roof\*  
I: Facade\*/Wall\*/Roof\*



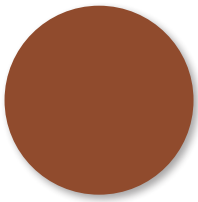
WHITE ALUMINUM  
RAL 9006  
SR: 50.7 | SRI: 58  
E: Facade/Wall/Roof  
I: Facade/Wall/Roof\*



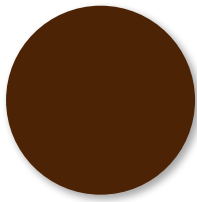
GRAY ALUMINUM  
RAL 9007  
SR: 38.2 | SRI: 41  
E: Facade/Wall\*\*/Roof  
I: Facade\*\*/Wall\*\*/Roof\*



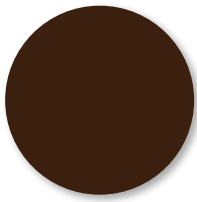
ANTHRACITE GRAY  
RAL 7016  
SR: 8.1 | SRI: 2  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



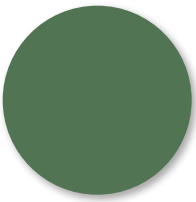
COPPER BROWN  
RAL 8004  
SR: 31.3 | SRI: 32  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



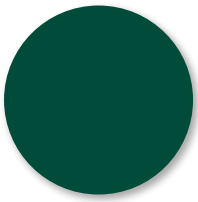
NUT BROWN  
RAL 8011  
SR: 12.6 | SRI: 8  
E: Facade\*/Wall\*/Roof\*  
I: Facade\*/Wall\*/Roof\*



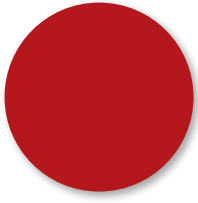
SEPIA BROWN  
RAL 8014  
SR: 8.4 | SRI: 2  
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I: Facade\*/Wall\*/Roof\*



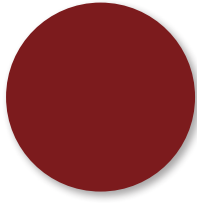
RESEDA GREEN  
RAL 6011  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



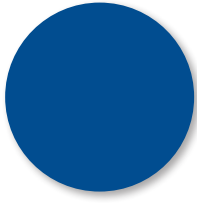
MOSS GREEN  
RAL 6005  
SR: 18.9 | SRI: 16  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



FIRE RED  
RAL 3000  
E: Facade\*/Wall\*/Roof\*  
I: Facade\*/Wall\*/Roof\*



OXIDE RED  
RAL 3009  
E: Facade/Wall\*/Roof  
I: Facade\*/Wall\*/Roof\*



GENTIAN BLUE  
RAL 5010  
E: Facade\*/Wall\*/Roof\*  
I: Facade\*/Wall\*/Roof\*

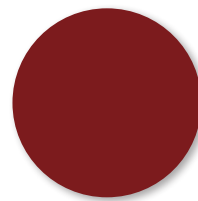
Index:  
SR: Solar reflectivity in percent  
SRI: Solar Reflectance Index  
E: EXTERIOR I: Interior  
\* = BASIC COLORS PLUS process-specific additional outlay, surcharge - on request  
\*\* = from 500 m² without surcharge

Color shades in accordance with RAL:

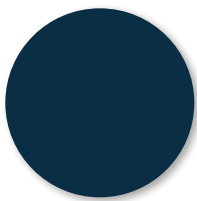
The sheet metal colors listed should only be interpreted as similar to RAL. No guarantee of color equivalence is provided in the case of partial or additional deliveries, as different sheet metal coils may be used. By using the very latest multi-angle color measurement devices, we ensure that any deviations are kept to a minimum. In order to avoid a color change within a front, axis or display surface, it is useful to provide appropriate information when ordering. Greater color deviations from the RAL shades are possible with PVDF coatings. Please also make special plans involving reserve panels in the case of special colors and/or differing construction widths (for WALL and FACADE).

BRUCHAPaneel® SUPERIOR color range

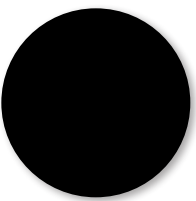
DIAMOND 50 µm



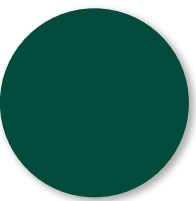
MADRID  
RAL 3009  
Facade/Wall/Roof



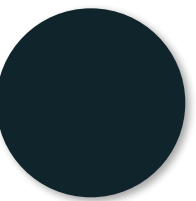
COPENHAGEN  
RAL 5003  
Facade/Wall/Roof



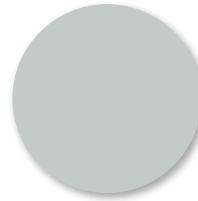
DUBLIN  
RAL 9005  
Facade/Wall/Roof



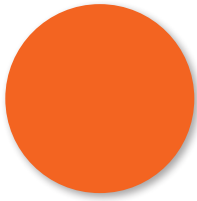
HELSINKI  
RAL 6005  
Facade/Wall/Roof



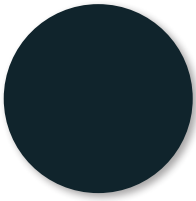
KRAKOW  
RAL 7021  
Facade/Wall/Roof



BUDAPEST  
RAL 7035  
Facade/Wall/Roof



HAVANA  
RAL 2004  
Facade/Wall/Roof



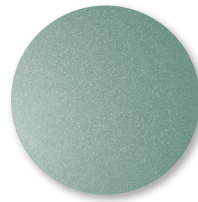
ATHENS  
RAL 7021 MATT  
Facade/Wall/Roof



OSLO  
Metallic  
Facade/Wall/Roof



BEIJING  
RAL 1035 Metallic  
Facade/Wall/Roof



PARIS  
Metallic  
Facade/Wall/Roof



VENICE  
Metallic  
Facade/Wall/Roof



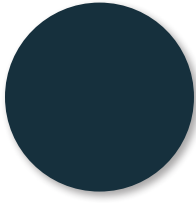
LONDON  
Metallic  
Facade/Wall/Roof



NEW YORK  
RAL 9006  
Facade/Wall/Roof



CHICAGO  
RAL 9007  
Facade/Wall/Roof



LISBON  
RAL 7016  
Facade/Wall/Roof

DIAMOND 50 µm

Please note the longer delivery time and minimum order quantity. There may be a print deviation from the original color.

All RAL and NCS shades are also possible.

Our high-quality sheet metals have an increased metallic proportion. Please refer to the guidelines of the RAL Institute.

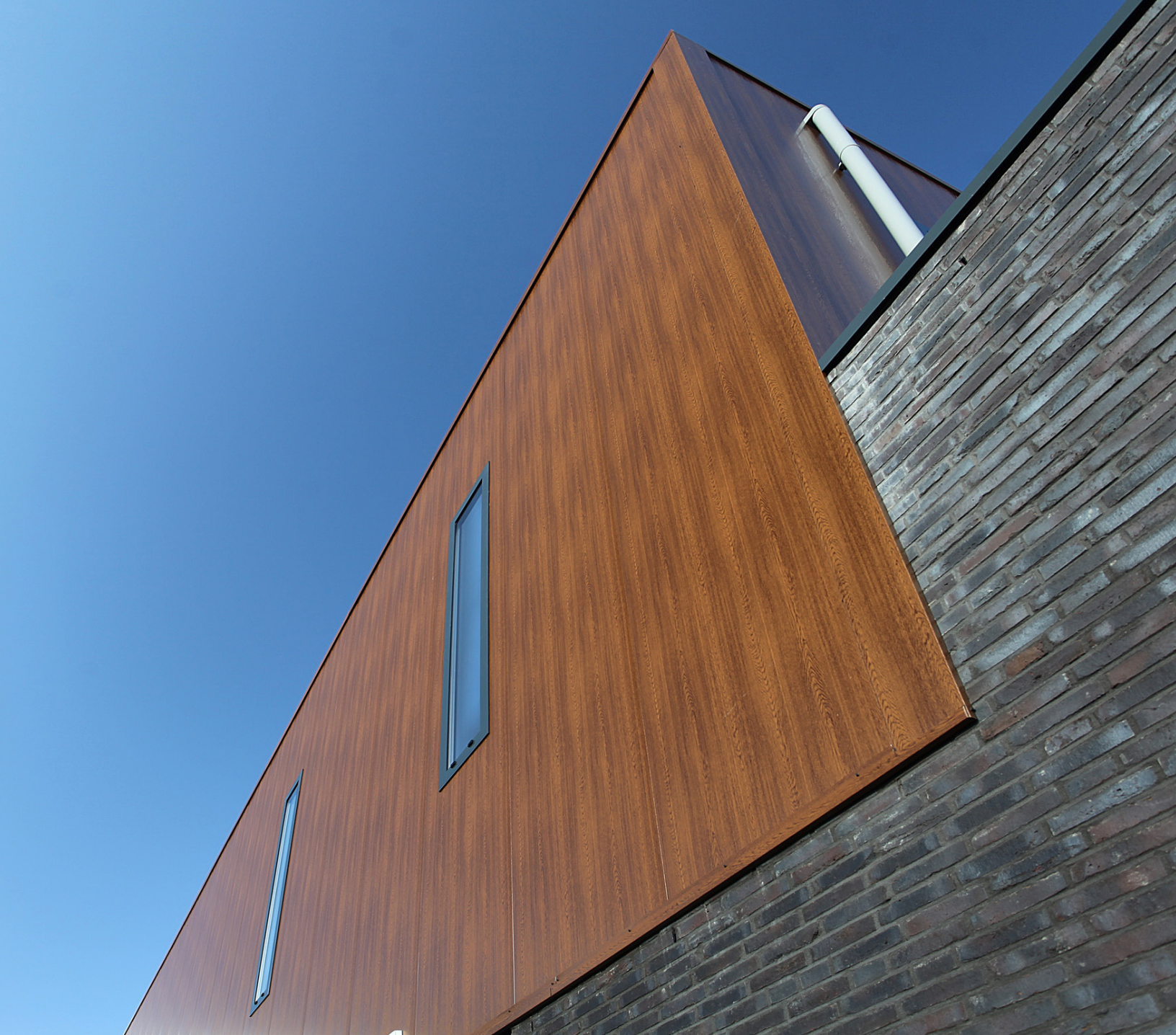
Extract from information on colors with a metallic proportion, original shade: In the case of repair work and when combining parts with different coating methods (e.g. wet paint – powder coating), differences in color often occur. It is possible to take samples of our sheet metals at any time, and we are happy to do this for you. Validity max. 4 weeks.

We ask for your understanding that we cannot accept claims arising from color deviations in components that were not supplied by us.

Behavior in the event of large temperature differences:

Characteristics of the PIR+ rigid foam, extreme temperature differences may sometimes arise between the exterior and Interior surface layers if one side of the foam is exposed to sunlight (or the influence of other heat sources). Due to the high thermal conductivity and high expansion coefficients of the metal surface layers, bends and sometimes also stresses in the cross-section may occur in the panel. Special attention must be paid to this with color groups II and III.





**BRUCHA**Panel® **SUPERIOR** color range

PLATINUM 35 µm



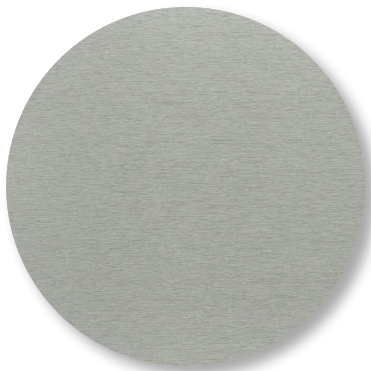
AUSTRIA  
Facade/Wall



NORWAY  
Facade/Wall



SWEDEN  
Facade/Wall



GERMANY  
Facade/Wall



UNITED KINGDOM  
Facade/Wall



THE NETHERLANDS  
Facade/Wall

BRUCHA relies on top quality from Austrian manufacturers:

colofer®

More than just quality - high quality, made in Austria

voestalpine high-tech steel strips and paint exclusively from renowned European manufacturers form the foundation for the high colofer® quality standard.

There is always full control over all stages of the value creation process thanks to the integrated steel mill in Linz.

colofer® is only produced in one facility using the most accurate measurement methods, meaning that you always receive consistent, outstanding quality and products that fully comply with specifications.



colofer® surfaces - Austrian quality

More than just environmentally friendly - The ECO pioneer

colofer® is the only true trendsetter when it comes to protecting the environment and in-house employees.

Back in 1998, colofer® production was switched over to an environmentally-friendly process and, since that time, has been completely free from chromium and chromate, without sacrificing excellent product performance or long warranty periods.

In European benchmarking tests, voestalpine is the most environmentally-friendly and cleanest steelworks and therefore extremely deserving of its reputation as an environmental pioneer.



# BRUCHAPaneel® Foodsafe color range

Non-contact Foodsafe 25 µm ❄️



GRAY WHITE  
RAL 9002  
Facade/Wall/Roof



PURE WHITE  
RAL 9010  
Facade/Wall/Roof\*



CREAM WHITE  
RAL 9001  
Facade/Wall/Roof\*

Foodsafe PVC 150 µm ❄️




GRAY WHITE  
RAL 9002  
Facade/Wall/Roof




PURE WHITE  
RAL 9010  
Facade/Wall/Roof\*


## Stainless steel W.-No. in line with DIN 1.4301 or DIN 1.4404



NATUR, 3C  
Facade/Wall/Roof



POLISHED  
DUPLO, V2  
Facade/Wall/Roof



MIRROR OPTIC, 2R  
Facade/Wall/Roof\*

## Characteristics/Coatings

	PRODUCT	MATERIAL	TOTAL LAYER THICKNESS	CORROSION RESISTANCE	UV RESISTANCE	CHARACTERISTICS/ ADVANTAGES
EXTERIOR	BASIC/ REGULAR	Polyester PE PURE	25 µm	RC 3	RUV 3	Good color fastness, used in food handling areas and clean rooms in white shades
	SUPERIOR/ DIAMOND	PUR-PA	50 µm	RC 5	RUV 4	Excellent color fastness and corrosion resistance
INTERIOR	Non-contact Food safe	Polyester PE	25 µm	RC 3	RUV 3	Good formability/bending/ roll forming/good color fastness
	Food safe	Rigid PVC film coating	150 µm	RC 4	not suitable for exterior use	Excellent abrasion resistance/bending/roll forming/white shade Use in food handling area, not UV resistant

Other coatings (e.g. 25 µm PVDF) available on request.

# BRUCHAPaneel® Color group

## EXAMPLES FOR COLOR CLASSIFICATION

RAL	Color shade	Color group	BV	°F	°C
9001*	Cream white	I	84	127.4	53
9002*	Gray white		83	129.2	54
9010*	Pure white		90	125.6	52
1013	Pearl white		85	129.2	54
1015*	Light ivory		82	129.2	54
1018*	Zinc yellow		80	129.2	54
1016	Sulfur yellow		78	131.0	55
7035*	Light gray		75	131.0	55
RAL	Color shade	Color group	BV	°F	°C
2002	Blood orange		37	152.6	67
3000*	Fire red		31	158.0	70
3002	Carmine red		28	159.8	71
3004	Purple red		20	168.8	76
3009*	Oxide red		28	159.8	71
5002	Ultramarine blue		20	168.8	76
5007	Brilliant blue		33	156.2	69
5009	Azure blue		28	159.8	71
5010*	Gentian blue		22	167.0	75
5013	Cobalt blue		15	176	80
RAL	Color shade	Color group	BV	°F	°C
1001	Beige		68	134.6	57
1002	Sand yellow		67	134.6	57
1007	Chrome yellow		57	138.2	59
1020	Olive yellow		53	141.8	61
1024	Ochre yellow		57	138.2	59
2000	Yellow-orange		51	141.8	61
2001	Red-orange		40	149.0	65
2003	Pastel orange		55	140.0	60
2005	Pure orange		43	147.2	64
5012	Light blue		43	147.2	64
RAL	Color shade	Color group	BV	°F	°C
6011*	Reseda green	II	43	147.2	64
6018	Yellow-green		50	143.6	62
6021	Pale green		55	140.0	60
7001	Silver gray		52	141.8	61
7002	Olive gray		44	147.2	64
7032	Pebble gray		67	134.6	57
7037	Dust gray		45	145.4	63
7038*	Agate gray		67	134.6	57
8003	Orange brown		40	149.0	65
9006*	White aluminum		66	134.6	57
RAL	Color shade	Color group	BV	°F	°C
9007*	Gray aluminum	III	50	143.6	62
2002	Blood orange		37	152.6	67
3000*	Fire red		31	158.0	70
3002	Carmine red		28	159.8	71
3004	Purple red		20	168.8	76
3009*	Oxide red		28	159.8	71
5002	Ultramarine blue		20	168.8	76
5007	Brilliant blue		33	156.2	69
5009	Azure blue		28	159.8	71
5010*	Gentian blue		22	167.0	75
RAL	Color shade	Color group	BV	°F	°C
5013	Cobalt blue	III	15	176	80
6001	Emerald green		32	158.0	70
6002	Leaf green		29	159.8	71
6003	Olive green		28	159.8	71
6005*	Moss green		21	168.8	76
6008	Brown-green		16	174.2	79
6010	Grass green		37	152.6	67
7013	Brown-gray		16	174.2	79
7015	Slate gray		28	159.8	71
7016*	Anthracite gray		21	168.8	76
RAL	Color shade	Color group	BV	°F	°C
8004*	Copper brown	III	33	156.2	69
8007	Fawn brown		27	161.6	72
8011*	Nut brown		22	167.0	75
8014*	Sepia brown		19	170.6	77
8016	Mahogany brown		18	172.4	78
8025	Pale brown		34	154.4	68
9005	Deep black		13	201.2	95

\*BRUCHA color range

Classification by color groups, brightness values (BV) in % and max. surface temperature (°F/°C in direct sunlight)

# BRUCHAPaneel® Profile selection

Individual appearance of each facade due to extensive profile selection.



PANEL DESIGN:

Permitted degrees of unevenness with smooth panel surfaces (profile 2):

Due to the production processes used, it is almost impossible to manufacture perfectly smooth surfaces of profile 2 in the standard design.

During production, the BRUCHAPaneel panels undergo continuous checks by our quality assurance team to ensure adherence to the permitted tolerances in accordance with IFBS. However, due to optical conditions (light reflections), even a slight, visually-detectable unevenness on the panel surface may be seen as a problem, particularly with dark-colored facades. Good results can be obtained by avoiding profile 2 (smooth). Ideally, use profiles 4, 5 or 6, as these also present a smooth appearance from a distance (please refer to the installation guidelines at [www.brucha.com](http://www.brucha.com)).

# BRUCHAPaneel® Profile selection

Deviation limit in line with EN 14509



DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior	Exterior	—	Exterior	Exterior	Exterior
Interior	Interior	Interior	Interior	Interior	Interior	—

PROFILE 2

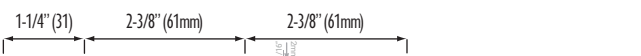
DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior*	Exterior*	—	Exterior*	Exterior*	Exterior*
Interior*	Interior*	Interior*	Interior*	Interior*	Interior*	Interior



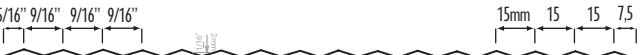
DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior*	Exterior*	—	Exterior*	Exterior*	Exterior*
Interior*	Interior*	Interior*	Interior*	Interior*	Interior*	—



DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior	Exterior	—	Exterior	Exterior	Exterior
—	—	—	—	—	—	—



DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior	Exterior	—	Exterior	Exterior	Exterior
—	—	—	—	—	—	—

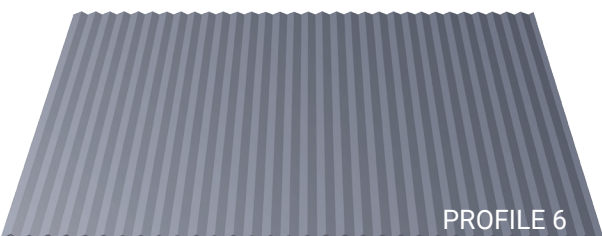
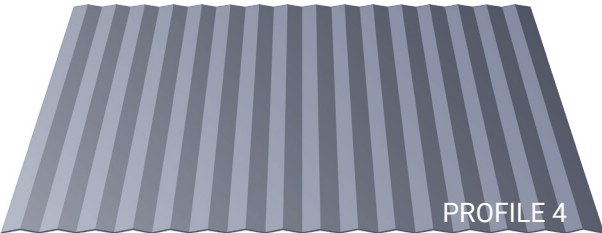
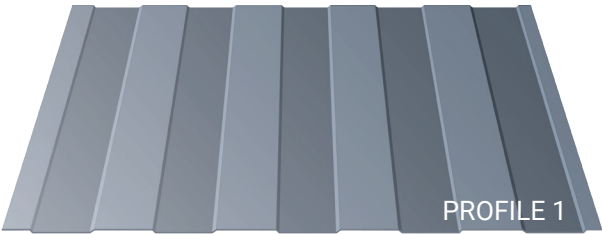


DP	WP	FP-P	DP-F	WP-F	FP-F	WP-A
—	Exterior	Exterior	—	Exterior	Exterior	Exterior
—	—	—	—	—	—	—

KEY:	STANDARD	ON REQUEST	NOT POSSIBLE
	Exterior	Exterior*	—
	Interior	Interior*	—

Symbol representation

Panel cut-out - construction width not fully shown.



Standard construction width: FP-P, FP-P-S, DP, DP-F: 1000 mm  
WP, WP-F, FP, FP-F: 1100 mm  
Special width on request

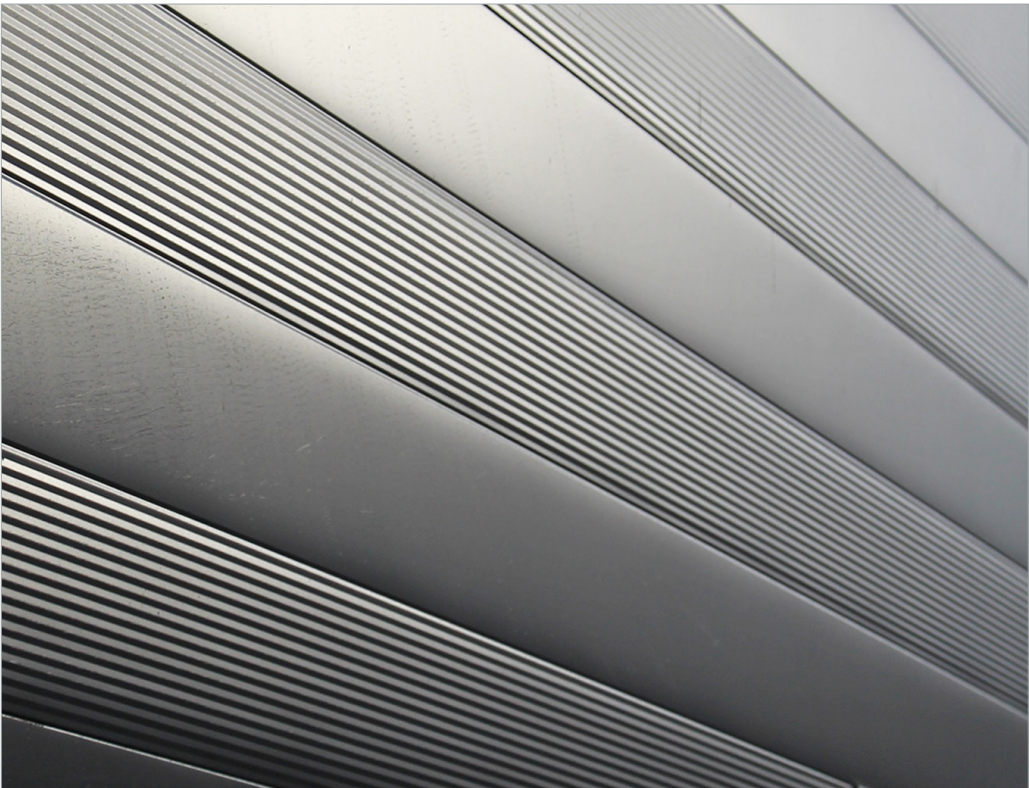


# BRUCHAPaneel® Premium SELECT - FP-P-S

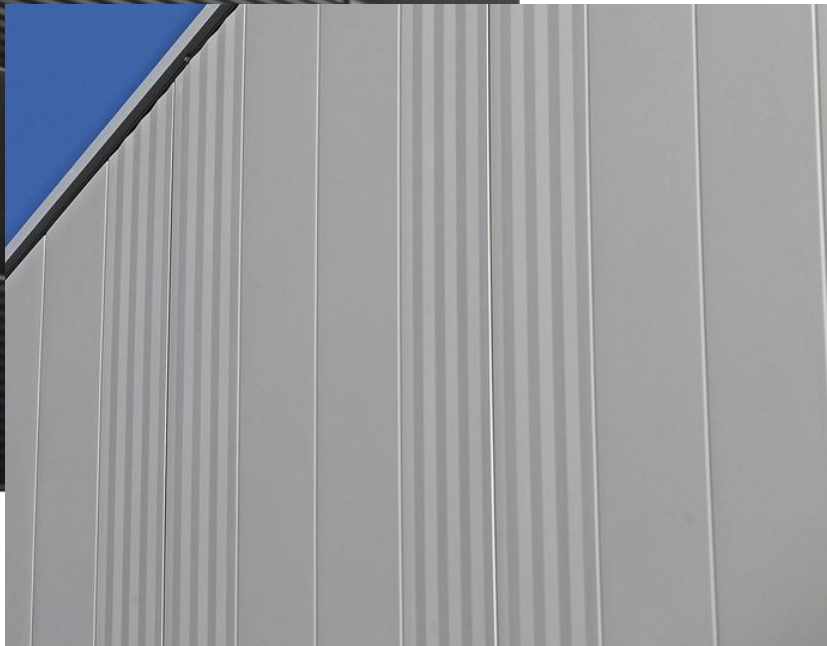
## Profile range

19 different  
profile combination options

Create your own unique panel in the  
panel configurator, including color selection.



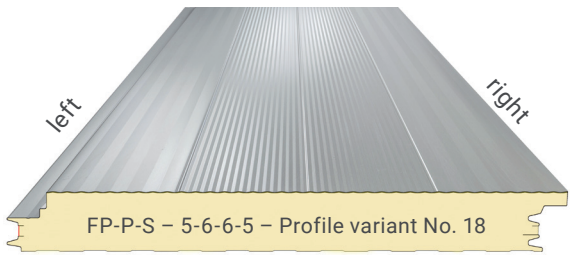
FP-P-S – 2-6-2-6 – Profile variant No. 6



FP-P-S – 5-2-2-5 – Profile variant No. 10

# BRUCHAPaneel® Premium SELECT - FP-P-S

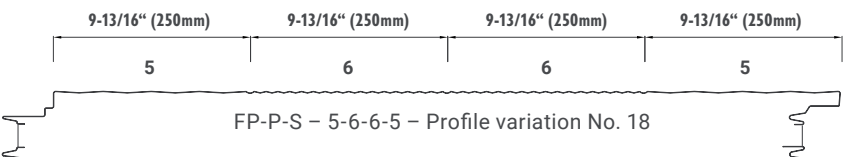
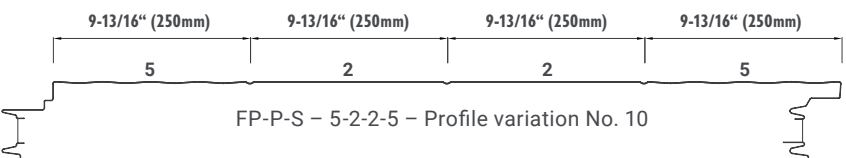
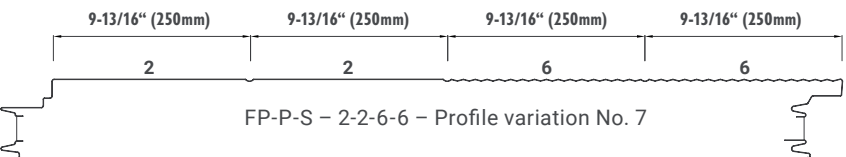
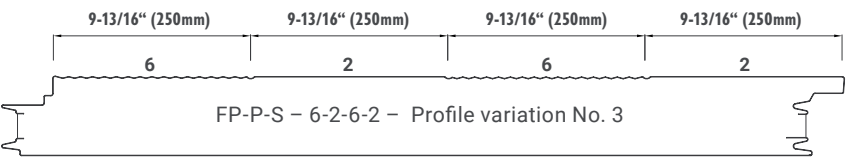
## Profile selection



Exterior PROFILE combination options

VARIATIONS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Profile pair	2	2 and 6						2 and 5						5 and 6					
right  PANEL orientation  left	2	2	2	6	2	6	6	2	2	5	2	5	5	5	5	6	6	5	6
	2	2	6	2	6	2	6	2	5	2	5	2	5	5	6	5	5	6	6
	2	6	2	2	6	6	2	5	2	2	5	5	2	6	5	5	6	6	5
	2	6	6	6	2	2	2	5	5	5	2	2	2	6	6	6	5	5	5

Example sketches:



FP-P-S – 2-5-2-5 – Profile variant No. 9



Panels that Connect

BRUCHA Corp.  
Denver, CO | Houston, TX  
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