

BRUCHA®



PANELS THAT CONNECT.

Colour range
Profile selection





BRUCHA®



PANELS THAT CONNECT.

BRUCHA panel

Colour range

BASIC | SUPERIOR | Foodsafe



Colour range BASIC REGULAR 25 µm



Exterior Standard
Sheet thickness 0.6 mm

BRUCHA panel facade/wall & roof - construction width mm

RAL Designation	FP-P	FP		FP-F		WP		WP-F		DP	DP-F
	1000	1100	1000*	1100	1000*	1100	1000*	1100	1000*	1000	1000
9002 GREY WHITE	■	■	■	■	■	■	■	■	■	■	■
9010 PURE WHITE	■	■	■	■	■	■	■	■	■	■	■
9001 CREAM WHITE	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
1015 LIGHT IVORY	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
1018 ZINC YELLOW	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**
7035 LIGHT GREY	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
7042 TRAFFIC GREY	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
9006 WHITE ALUMINIUM	■	■	■	■	■	■	■	■	■	■	■
9007 GREY ALUMINIUM	■	■	■	■	■	■	■	■	■	■	■
7016 ANTHRACITE GREY	■	■	■	■	■	■	■	■	■	■	■
8004 COPPER BROWN	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
8014 SEPIA BROWN	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
6011 RESEDA GREEN	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
6005 MOSS GREEN	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*	■*
3000 FIRE RED	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**
3009 OXIDE RED	■	■	■	■	■	■	■	■	■	■	■
5010 GENTIAN BLUE	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**	■**

Colour deviations are possible for printing reasons.

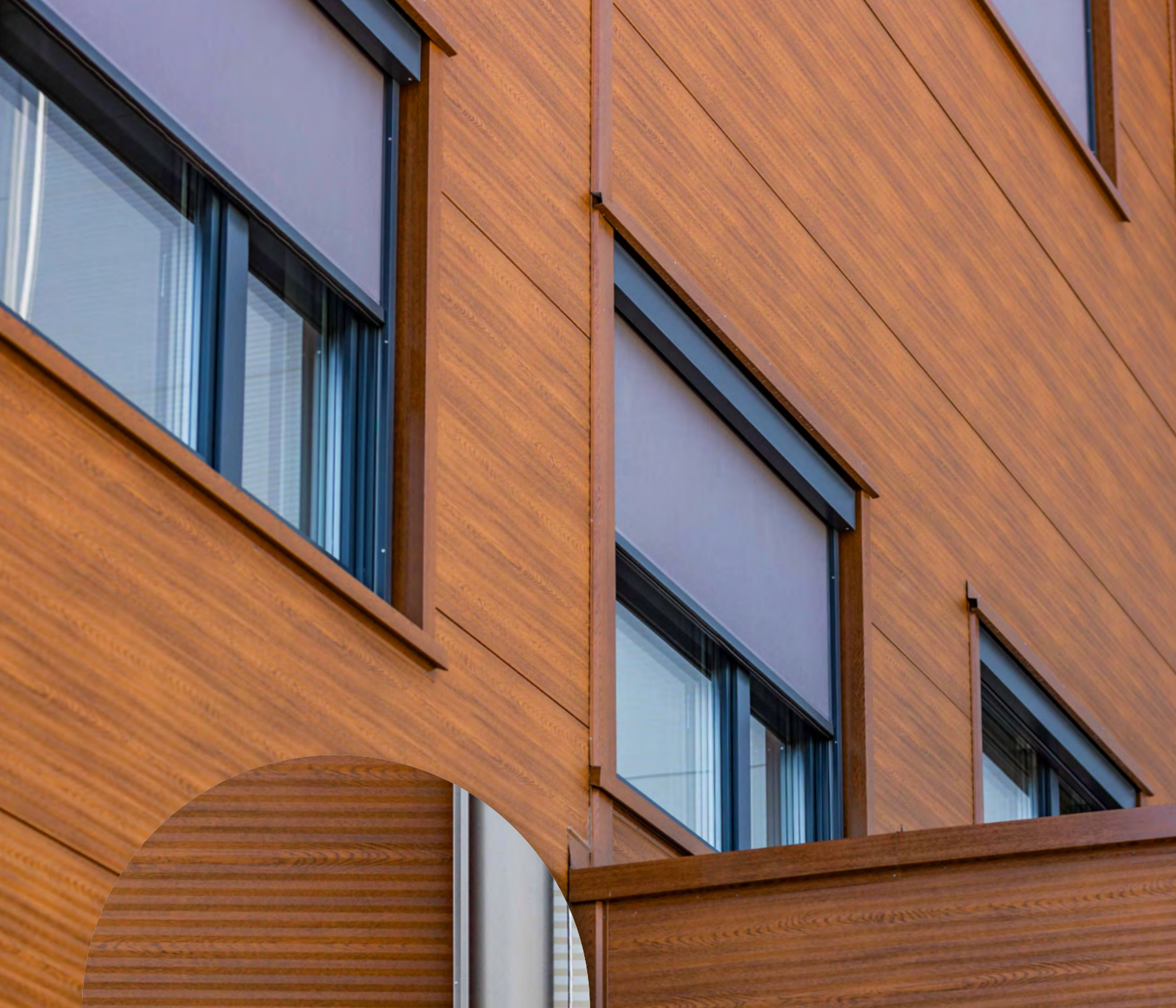
1000* = Special width on request

■ = Standard

■*/■** = BASIC Plus -

Price & minimum quantity on request





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.

brucha.com

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.

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.

BRUCHA colour range



SUPERIOR PLATIN 35 µm

PANELS
THAT
CONNECT.



LIGHT OAK
facade/wall



DARK OAK
facade/wall

Colour shades in accordance with RAL:

The sheet metal colours listed should only be interpreted as similar to RAL. No guarantee of colour 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 colour measurement devices, we ensure that any deviations are kept to a minimum.

SUPERIOR DIAMOND 50 µm

In order to avoid a colour change within a front, axis or display surface, it is useful to provide appropriate information when ordering.

Please also make special plans involving reserve panels in the case of special colours and/or differing construction widths (for WALL and FACADE).

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

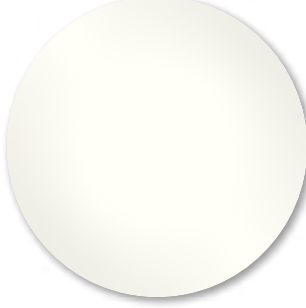
Extract from information on colours with a metallic proportion, original shade: In the case of repair work and when combining parts with different coating methods (e.g. wet paint – powder coating), differences in colour often occur.

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 colour deviations in components that were not supplied by us.



RAL 9002
facade/wall/roof



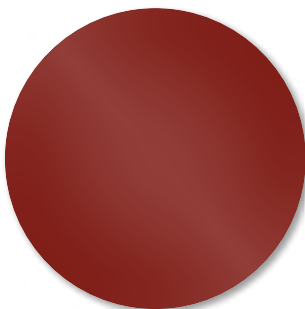
RAL 9010
facade/wall/roof



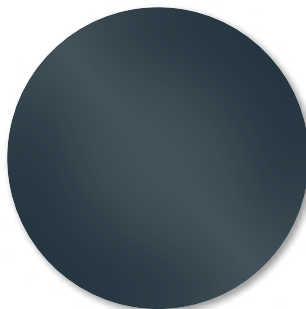
RAL 9006
facade/wall/roof



RAL 9007
facade/wall/roof



RAL 3009
facade/wall/roof



RAL 7016
facade/wall/roof

Behaviour in the event of large temperature differences:

Characteristics of the PUR/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 colour groups II and III.

DIAMOND 50 µm

Please note the longer delivery time and minimum order quantity. There may be a print deviation from the original colour. All RAL and NCS shades are also possible.

BRUCHA colour range Foodsafe

Non-contact Foodsafe 25 µm 



GREY WHITE
RAL 9002



PURE WHITE
RAL 9010

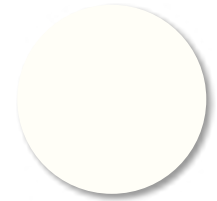


CREAM WHITE
RAL 9001

Foodsafe PVC 150 µm 



GREY WHITE
RAL 9002



PURE WHITE
RAL 9010

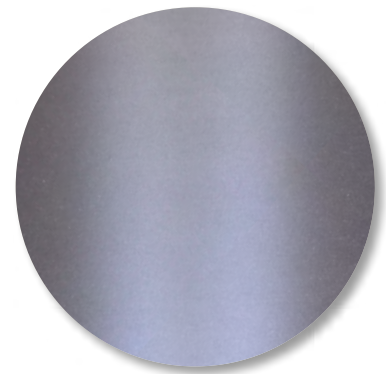
STAINLESS STEEL Material no. 1.4301 or 1.4404



NATUR, 3C



**POLISHED
DUPLO, V2**



MIRROR OPTICS, 2R

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 colour fastness, used in food handling areas and clean rooms in white shades
	SUPERIOR/DIAMOND	PUR-PA	50 µm	RC 5	RUV 4	excellent colour fastness and corrosion resistance
INTERIOR	Non-contact Foodsafe	Polyester PE	25 µm	RC 3	RUV 3	good formability/bending/roll forming/good colour fastnesst
	Foodsafe	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.

BRUCHA panel Surfaces



LAYER CONSTRUCTION

PANELS
THAT
CONNECT.

PROTECTIVE FILM

as the ideal accompaniment to protect the respective surface, from the processing of the panel through to installation on the construction site

SURFACE FINISH

in various colour and appearance variants and adapted to customer requirements as needed

BASIC REGULAR 25 μm

SUPERIOR DIAMOND PUR-PA 50 to 55 μm

FOODSAFE PVC 150 μm for indoor application

PRETREATMENT LAYER

as additional corrosion protection and bonding bridge between steel strip and finish

ZINC LAYER

with cathodic effect for active and passive corrosion protection

STEEL CORE

available in all common steel grades depending on the application

ZINC LAYER

with cathodic effect for active and passive corrosion protection

BACKSIDE PROTECTIVE LACQUER

specially designed for foaming or gluing depending on the panel core







PANELS THAT CONNECT.

BRUCHA panel

Profile selection



BRUCHA panel - 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 in the standard design for profile 2.

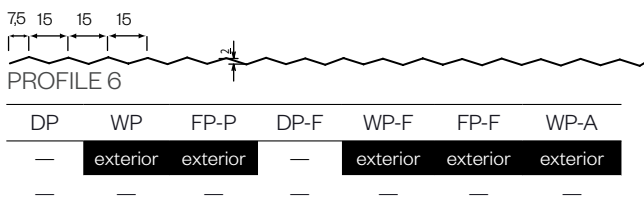
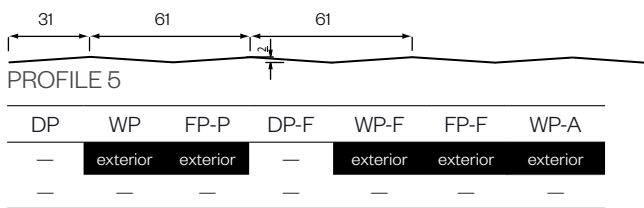
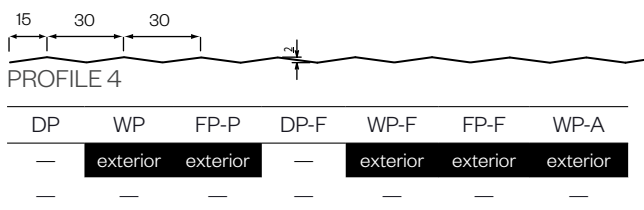
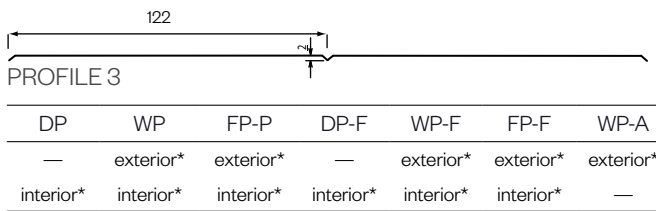
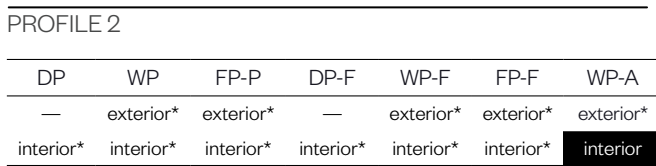
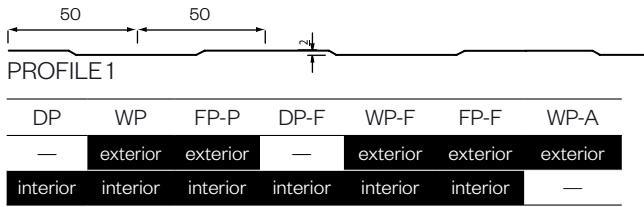
During production, the BRUCHA panels undergo continuous checks by our quality assurance team to ensure adherence to the permitted tolerances in accordance with IFBS. However, due to optical conditions (light reflections), even a slight, visually-detectable unevenness on the panel surface may be seen as a problem, particularly with dark-coloured 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 bruchacom).

BRUCHA panel - profile selection



Deviation limit in line with EN 14509

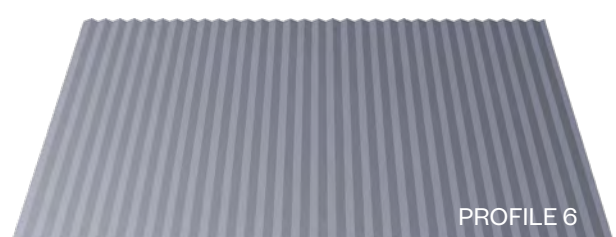
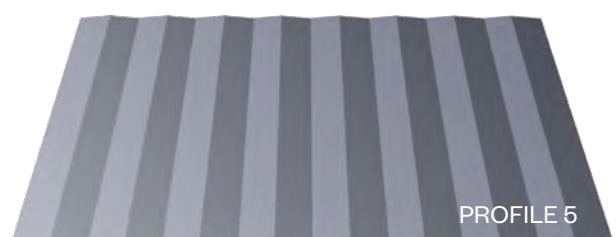
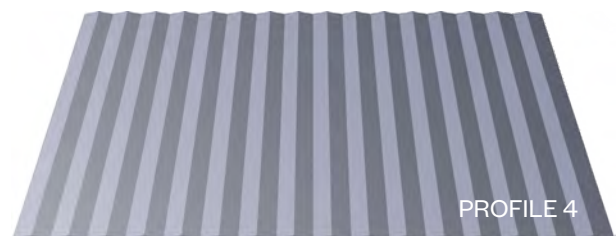
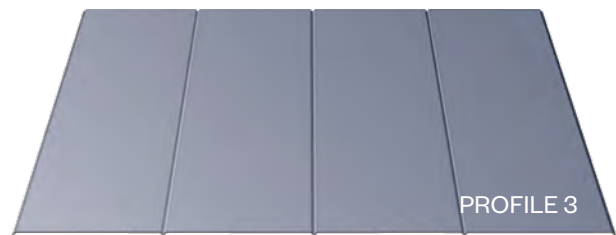
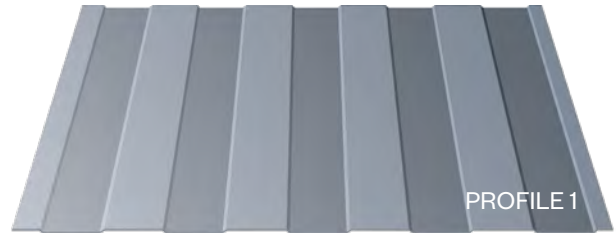


KEY:

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

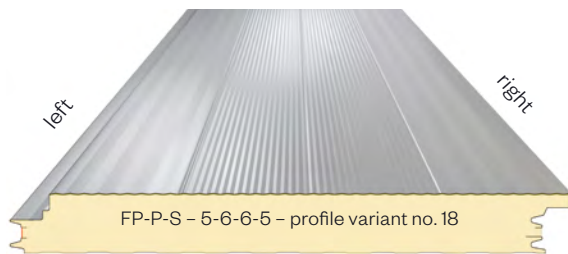


BRUCHA panel Premium SELECT – FP-P-S



PANELS
THAT
CONNECT.

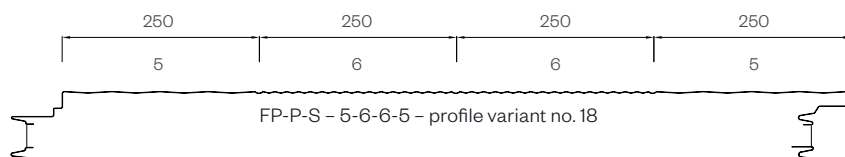
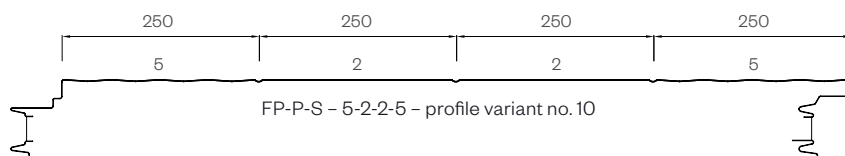
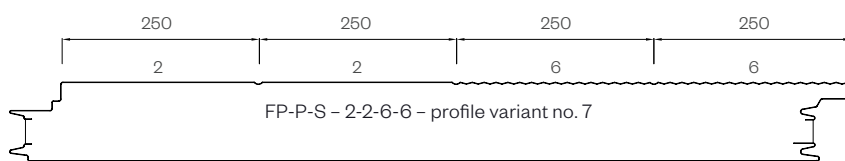
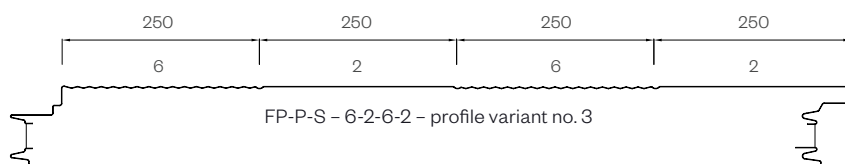
Profile selection



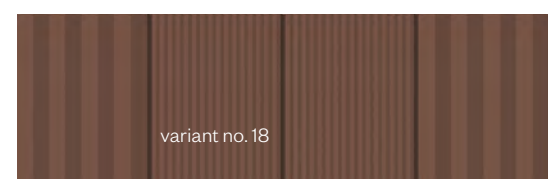
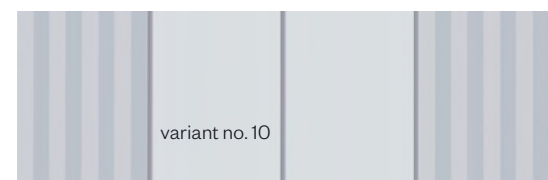
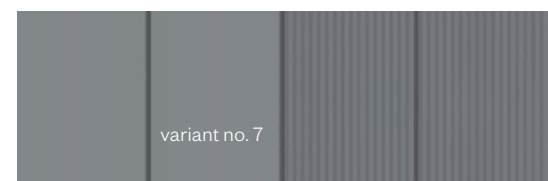
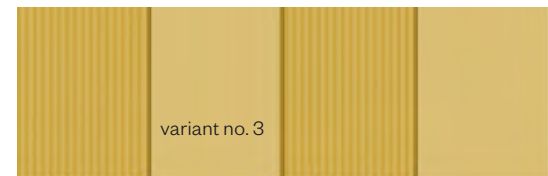
19 various exterior PROFILE combination options

VARIANTS	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						
PANEL DIRECTION	right	2	2	2	6	2	6	6	2	2	5	2	5	5	5	5	6	6	5	6
	left	2	2	6	2	6	2	6	2	5	2	5	2	5	5	6	5	5	6	6
	right	2	6	2	2	6	6	2	5	2	2	5	5	2	6	5	5	6	6	5
	left	2	6	6	6	2	2	2	5	5	5	2	2	2	6	6	6	5	5	5

Example sketches



Symbolic pictures of profile variants



PANELS THAT CONNECT.

PRODUCTS

- > BRUCHA panels
- > Cold walk-ins
- > Doors & gates
- > Special construction
- > Accessories

SERVICES

- > Assemblies for construction of special and cold rooms
- > Maintenance and Service
- > BRUCHA Food Engineering

Head Office/Production

BRUCHA GesmbH
Rusterstraße 33
AT-3451 Michelhausen

T +43 2275 5875
E office@brucha.com

brucha.com