

PRACTICAL TIPS



In addition to our *General Terms & Conditions (terms)* these tips should highlight some critical points from practical experience to save you time and money.

Panel production

- **Admissible variation for smooth panel surfaces (profile 2+3)**

Production of perfectly plane surfaces for the standard model of profile 2+3 is not practically possible due to manufacturing limitations. **BRUCHA** Panel panels undergo continuous testing of permissible tolerances to IFBS* standards by our quality assurance, however due to optical conditions (reflection) a minimally visible unevenness of the panel surface, particularly on dark panels, can be perceived as visually disturbing. Where this could present a problem, good results can however be achieved by simply avoiding profile 2+3. For an optimal solution, use our profiles 4, 5 or 6 (micro-lined) instead; from a distance these also present an apparently smooth surface.

Also see "*Sandwich Panels - Correct Handling*" by Eng. Reinhard Wiesinger.

- **RAL Color Tones**

We point out that the sheet colors listed in the chapter "*colour spectrum & classification*" are only to be interpreted as RAL based. Due to the use of different coils, color consistency for partial or additional deliveries cannot be guaranteed. We do however ensure, that differences are minimal by using modern multi-angle spectral photometers. To avoid a color shift within a front, axial or facade facing, plan this in advance and give appropriate details in your order.

Greater variations to the RAL tones are possible when using PVDF coatings, please include sufficient reserve panels in your planning, especially for custom colors and/or non-standard sizes (WALL/FACADE).

Also see "*Sandwich Panels - Correct Handling*" by Eng. Reinhard Wiesinger.

Compatibility: **BRUCHA** Panel PIR panel and **BRUCHA** Panel fire protection panel

Due to the different insulating materials or under certain lighting conditions (oblique lighting), and with metallic colours in particular, it is possible that the micro profiled (profile 4, 5 or 6) facades appear visually different. This effect unfortunately cannot be avoided, despite the same profile geometry on both production plants. Our warranty is limited to this extent.

Adapter panels for transition from **BRUCHA** Panel PIR panel to fire protection panel

Please note that **BRUCHA** Panel PIR and fire protection panels have different joint geometries, requiring adapters for inter-connection. Suitable adapter panels are available for this purpose (Accessory Item no. Z38).

Transport, Storage & Delivery

Please refer to the respective notes in the chapter "*Handling*" and the terms of delivery determined in our *terms* under Item 6.

Damages in transit

After the loading of the truck, a photo is taken at **BRUCHA** of every cartload. Please report an occurred damage (transport damage) immediately at receipt by a written notation on the documents of transport, including the license number and the name of the driver as well as photos of the damaged goods still on the truck. Subsequent claims, after the unloading, unfortunately can not be accepted any more.

Mounting

To ensure best results you can also refer to the mounting examples in "*Detail Drawings*"; these detailed illustrations are non-binding and for reference only, please consider their applicability and correctness in regard to each individual building.

We will supply details on "*Sandwich Panels - Correct Handling*" on request, and will of course be pleased to advise you.

We accept no liability for mounting errors.

Besides the general guidelines on mounting, here some critical points once again;

- **Vapor sealed mounting of fire protection elements**

When mounting **BRUCHA** Panel fire protection panels with mineral wool core you must ensure that these are vapor sealed.

- **Fixings**

The correct choice of fixings (screws) depends primarily on panel thickness, existing sub structure, and any special structural considerations.

NOTE! In some countries only stainless steel fixings may be used. We suggest to use stainless steel fixings in general.

Also see "*Sandwich Panels - Correct Handling*" by Eng. Reinhard Wiesinger.

Cleaning

No active chlorine cleaning agents, or with PH values outside the 5-9 range may be used to clean the panel surfaces. No liability in any way or form can be accepted for damage caused by improper cleaning.

You can get all the information first-hand from your assigned technical sales representative; you can find your personal contact inc. phone number and e-mail address on our website **www.brucha.com** under **Contacts**.

*Industrieverband für Bausysteme im Metallleichtbau = Association of Industrial Light Metal Construction Systems.