

BRUCHA®



PANELS THAT CONNECT.



Halogen-free flame protection
for people and environment



BRUCHA panel
facade/wall & roof **PIR+** nonhalogen

What are halogens in flame retardants?

The elements fluorine, chlorine and bromine are among the harmful halogens that release toxic fumes in the event of fire, which are life-threatening for humans and can lead to death by asphyxiation.

BRUCHA has been using halogen-free flame retardants in panel production since 2020 and, following a successful test phase, all continuous PIR panel production systems for facades, walls and roofs at the plant in Lower Austria have been converted to **nonhalogen** since 2022.

Why HALOGEN FREE?

- low pollution or smoke development and lower risks in the event of fire
- no outgassing and therefore no pollution of the environment
- improved recyclability
- safety/re-evaluation
- „Blauer Engel“ eco-label can only be achieved without halogens



<https://www.blauer-engel.de/de/zertifizierung/vergabekriterien#UZ132-2020>

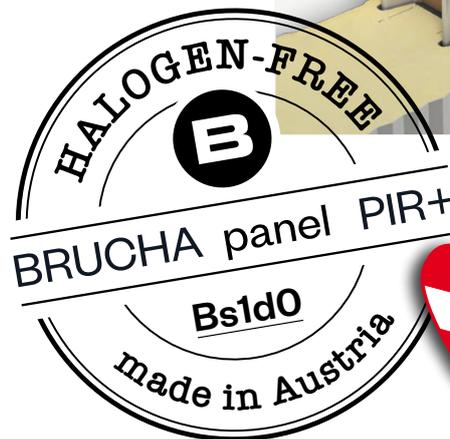
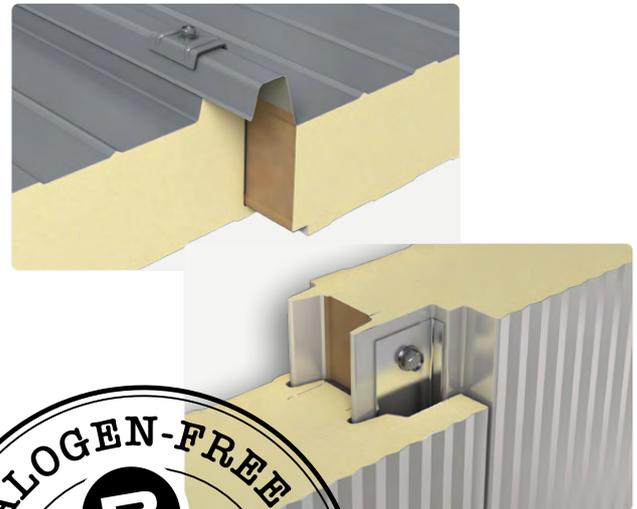
This is why BRUCHA decided long before the halogen ban to be the first European panel manufacturer to offer its customers the environmentally friendly, tried and tested BRUCHA PIR+ panel with **halogen-free flame protection** for facades/walls and roofs.

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PIR+

nonhalogen

BRUCHA panel



The PIR+ insulation core with exclusively **halogen-free flame retardant** - empowered by DOW - provides the basis for energy-efficient buildings - for an outstanding eco-balance and excellent fire behavior.

- **Building material class Bs1d0**
- **Halogen-free flame protection**
- **100 % made in Austria**

This makes BRUCHA once again a pioneer in **halogen-free panel production**.



<https://www.brucha.com/en/news>