

Declaration of no objection

Company name:	Metecno Bausysteme GmbH	Contact:	application engineering
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Court of jurisdiction:	Amtsgericht Jena	Phone:	+49 36454 56-0
Company registration number:	107954	Web:	en.metecno.de
Environmental commitment:	The company acts according EU-regulation (EG) no.1907/2006 (REACH-regulation) and European waste directive 2008/98/EG as well as according to KrW-/AbfG (BGBl. I S. 2705) and BImSchG (BGBl. I S. 2723, 2727) on national level.		

Sandwich-panels with PIR-foam-core

product composition¹:
The composite panels consist of steel sheets with organic coating and polyisocyanurate-rigid-foam-core.

1. Components

Cover sheets:

For cover sheets, continuously strip galvanized steel according DIN EN 10346 is used. The sheets are primer-coated and have 25 µm polyester top-coating as standard (plastic-coating available as alternative). Coated material is primarily purchased from suppliers & vendors in Europe.

Rigid foam core:

Polyisocyanurate is created by chemical reaction of diisocyanate and long-chain alcohols. Polyisocyanurate is CFC-free and generally regarded as non-hazardous to health in numerous applications. Depending on the applied technical process, additives and catalysts are added. Foam systems are primarily purchased from suppliers & vendors in Europe.

2. Production

Energy:

For the production process, electrical energy is used. The production facility is heated by natural gas. Emissions to water or air are below permitted limits².

3. Logistics

Production site: Blankenhain, Thuringia, Germany

Means of transport: Logistics of finished products are primarily delivered by truck

Packaging: the following materials are used as packaging material:

Packaging	used material	recyclable	waste codes
protective board	raw particle board	X	150103
protective foil	PE	X	150102
package feet	EPS	X	170604
corner protection	cardboard	X	150101/150102

4. Installation

Custom-made panel lengths and standard-widths help avoiding waste-cut and accumulation of scrap on site. During installation, no environmentally harmful impact is created.

5. Usage

Regular cleaning and maintenance contribute to a long product life. During usage, no environmental impact is created.

6. Uninstallation and disposal

At the end of their life-cycle, sandwich panels can easily be uninstalled. They can either be reutilized or mechanically separated and disposed of as recyclable materials. In this process, no environmentally harmful impact is created.

Waste code according European waste catalogue/waste register regulation for PIR-foam: 170604.

References:

as of February 2025

¹ PPA Europe environmental product-declaration EPD-PPA-2040128-CBG1-EN according ISO 14025 and EN 15804+A2 sandwich panels with PUR/PIR-foam rigid forma core

² Immission control document