

**PIR thermal insulation boards with foil facing**

**GENERAL INFORMATION**

Producer: PIRROGROUP LLC  
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Trade mark: PIRRO®  
Name of product: PIR-board PirroMembrane  
TC 22.21.41-007-09151858-2019 ch. #1  
Application product: for flat roof insulation of industrial and public buildings, constructed with steel deck

**1. COMPOSITION / PROPERTIES**

Dangerous properties: none

**2. POSSIBLE DANGER**

Danger: none  
Special hazard note for people or environment: none

**3. FIRST AID MEASURES**

No special measures applicable.

**4. FIRE FIGHT MEASURES**

Possible extinguishing device: water, foam, dry powder, sand

**5. MEASURES IF ACCIDENTLTY RELEASED**

The PIR-boards is a product of a complete chemical reaction without the release of gaseous components

**6. HANDLING AND STORAGE**

No special measures applicable.

**Advice for safe handling**

- A.1 The installation (fixing) of the boards should be developed in accordance with the current regulatory and technical documentation.
- A.2 During the installation, installation of fasteners, sealing of joints and abutments, blows on the boards are not allowed.
- A.3 Cutting of boards and drilling of holes when installing fastening elements and components of shaped elements is carried out by hand or power tools.
- A.4 Fixing of boards to stairs, industrial wiring, technological equipment and fittings is not allowed.
- A.5 The surface of the boards should be cleaned of dirt and dust with compressed air.
- A.6 It is not allowed to use any abrasive substances, alkalis and other substances that can damage its protective properties for cleaning the surface of the boards.
- A.7 The boards must be used in accordance with the requirements of national applicable building codes and regulations.

## Requirements for storage

B.1 By storing appropriately there will be no danger to health.

B.2 Storing of the boards by transport packages (pallets) in an upright position. When shipping in bundles, measures should be taken to protect them from mechanical damage during transportation.

B.3 Keep away from air humidity, water and direct sunlight, from contamination.

B.4 The boards are stored in their original packaging, in compliance with fire safety measures.

B.5 Transport packages should be stored in a vertical position in stacks with a height of no more than 2 tiers.

B.6 Transport packages must be supported on 2 support PIR-bars with a height of at least 90 mm with an installation step of no more than 1100 mm.

## 7. EXPOSITION LIMITS AND PERSONAL SAFETY EQUIPMENT

No special measures applicable.

Additional advice for technical machines: Only technologies of fireless impact.  
Overheating the material over 140 degrees causes low-temperature destruction

Limited values for working places

to be controlled: none

additional advices: none

## 8. PERSONAL SAFETY EQUIPMENT

Breathing protection: No special measures applicable.

Hand protection: No special measures applicable.

Eye protection: No special measures applicable.

Body protection: No special measures applicable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: the boards with plane-parallel front surfaces

Colour: facings from the aluminium foil without paint

## 10. STABILITY REACTIVITY

For normal conditions according to the scope of application: the stability does not change

## 11. TOXICOLOGY

By handling appropriately while taking care of normal working hygiene there will be no danger to health.

## 12. ECOLOGICAL

It can be applied at the end of the warranty period of storage if the procedure is repeated to issue a quality certificate

## 13. DISPOSAL

The product can be given to appropriate disposal by taking care of the local regulations.

## 14. TRANSPORT

A.1 The boards are transported by all types of transport. Loading, transportation and unloading must meet the requirements of the current Rules of Cargo Transportation for the respective modes of transport.

A.2 The boards are transported by transport packages (pallets) in an upright position. When shipping in bundles, measures should be taken to protect them from mechanical damage during transportation.

A.2 When transporting the boards, keep away from air humidity, water and direct sunlight, from contamination.

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**Additional Advices:**

The information in this Safety Data Sheet are given according to our actual state of knowledge and experience and fulfil the national legislation.

We cannot control the working conditions of the user.

The product may not be used for any other application except for the specified applications without written approval.

The user is responsible for keeping the necessary regulations.

The information in this Safety Data Sheet described the safety properties of the product and don't assure the product properties.

The here given information refer exclusively to the s product and get invalid if the product will be used as a component of another product.