



**The world's thinnest and best performing insulation**

**Standard number** : UNI EN 17140:2021

**Title** : Thermal insulation products for buildings - Factory made vacuum insulation panels (VIP) - Specification

**Transposes:**

[EN 17140:2020](#)

**ICS** : [\[91.100.60\]](#)

**Summary** : The standard specifies the characteristics of vacuum insulation boards (VIP) are factory-made for the thermal insulation of buildings. The standard is applicable to all types of factory-made vacuum insulation boards (VIP), regardless of the core material or type of enclosure. Moreover, standard are applicable to factory-made vacuum insulation boards (VIP) with or without desiccants and an evacuation valve.

This document does not cover the following products:

- those intended for the insulation of building installations and the industrial installations;
- those intended for civil engineering
- those intended for the buildings foundation
- **those containing getter**
- those with protective layers

**CZ** panels contain the **getter**, which is a component used in vacuum technology to prevent the persistence of residual gases. The purpose of using these components is to preserve the vacuum within the CZ panels.

**CZ** vacuum panels are therefore NOT among the products covered by this standard  
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