

## The specification Rockwool panels - ASTECH Partition/Wall/Ceiling/Roof

Brand name Roof & Wall Panel S.p.A. – [www.rwpanel.com](http://www.rwpanel.com)  
 Vietnammes <http://www.rwpvietnam.com/new/index.html>

Product Type ZEROKLASS

Module: Usefull width=1000mm  
 Min.length=200mm, max.length=11500mm

Insulated: Rockwool core (Mineral wool) – Natural stone,  
 Density=120kg/m<sup>3</sup>  
 Thermal conductivity at 10°C: λ<sub>m</sub> = 0.040 W/mK

Classification fire reaction:

- Euroclass according EN13501-1
- Fire class A1 according DIN 14509
- All our panels have stone wool cores which are **non-combustible**.

Thermal transmission factor is

- 50mm panel = 0.82 W/m<sup>2</sup>K
- 60mm panel = 0.68 W/m<sup>2</sup>K
- 80mm panel = 0.51 W/m<sup>2</sup>K
- 100mm panel = 0.41 W/m<sup>2</sup>K
- 120mm panel = 0.34 W/m<sup>2</sup>K
- 150mm panel = 0.27 W/m<sup>2</sup>K
- 200mm panel = 0.20 W/m<sup>2</sup>K

Water permeability : not less than 98%, non hygroscopic  
 Compression strength : 0.07 Mpa

Panel facing

Standard Both sides covering by 0.6mm thick of Pre Painted galvanized steel with remove film protected. (EN 10346- S320DG, Z275)  
 Ral Color Ral 9002, 9010. Polyester coated 20μ + primer coated 5μ

Option: Plastic foodsave 110μ galvanized steel with remove film protected.

Surface finish panel

With Smooth surface

Panels quality certifications  
 Fire resistance test report by

**CE Mark, Euroklass fire behaviour, German certification Zulassung  
 RINA S.p.A – Laboratorio Prove  
 VIETNAM Certificate**

Fire resistance test cert: EN1351-2

- Panels thick 50mm, without EI cert.
- Panels thick 60mm, with EI 30 cert.
- Panels thick 80mm, with EI 60 cert.
- Panels thick 100mm, with EI 90 cert.
- Panels thick 120mm, with EI 120 cert.
- Panels thick 150mm, with EI 180 cert.



**Zeroklass® Wall - internal wall**

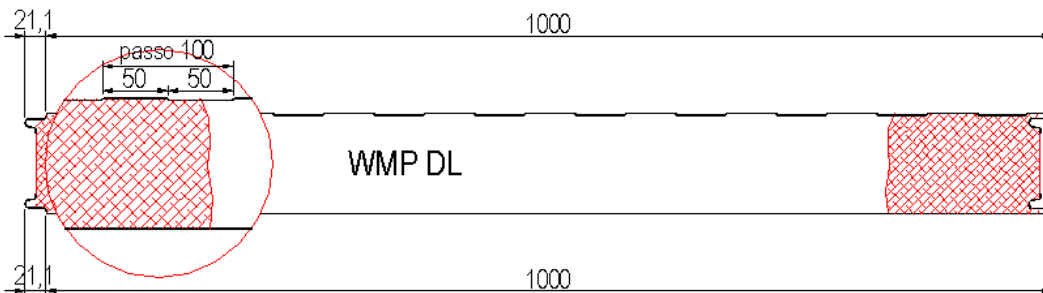
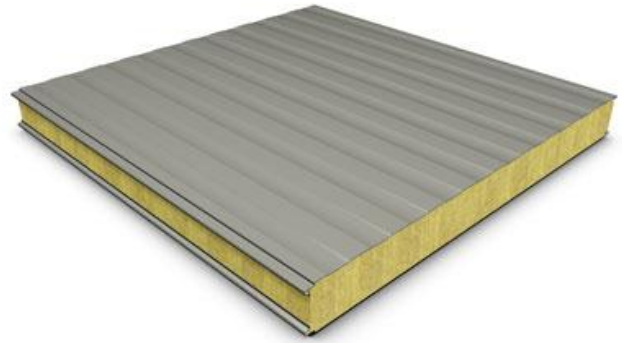
Mineral wool wall panels

Panels certified for reaction to fire: Class 0-0

**Tường Zeroklass®**

Panel cho tường được làm từ sợi khoáng

Panel được chứng nhận chống cháy: Cấp độ 0-0



**Zeroklass® Leonardo - external wall**

Mineral wool wall panels

Panels certified for reaction to fire: Class 0-0

**Tường Zeroklass® Leonardo**

Panel cho tường được làm bằng sợi khoáng

Panel được chứng nhận chống cháy: Cấp độ 0-0

