

## Introduction

TT 950 swp for elevator landing doors offers a cost-effective solution with exceptional mechanical properties and outstanding thermal insulation performance, while ensuring easy handling and installation.

The product structure consists of microporous insulation board composited with gypsum or fiber cement boards, externally laminated with wrapping coverings that provide waterproof protection. This structural design offers customization to meet various fire resistance requirements.

## Product Benefits

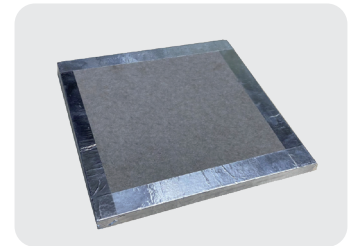
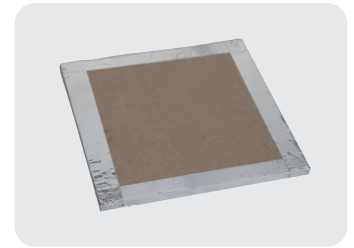
A class fire rated.

Good thermal insulation performance.

Good mechanical strength make it easy and clean to handle.

A whole system that allows a fast installation.

We can provide customized density and thickness and dimensions to offer a flexible design for the whole system.



## Product Parameters

| product variants                                                         | EI 60 G                                                  | EI 120 C                                                  |
|--------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| thermal conductivity of microporous insulation board at room temperature | 0.021 W/m K                                              |                                                           |
| thermal conductivity of fiber cement board at room temperature           | < 0.25 W/m K                                             |                                                           |
| max. application temperature                                             | 1150 °C / 2102 °F                                        |                                                           |
| fire protection class                                                    | A1                                                       |                                                           |
| typical density                                                          | 800 ± 40 kg/m <sup>3</sup> , for 8mm thickness structure | 650 ± 40 kg/m <sup>3</sup> , for 28mm thickness structure |
| dimension                                                                | < 2700 x 1200 mm                                         |                                                           |
| thickness                                                                | 8-30 mm, depending on the fire rating test standard      |                                                           |
| tolerance                                                                | length and width: -5 ~ 0 mm, thickness: -0.5 ~ +1.5 mm   |                                                           |

## Technical Limitation

Water and other liquids will irreversibly destroy the microporous structure and as a result the insulation performance of the material.



unicorn-insulations.com  
info@unicorn-insulations.com

ISO9001:2015  
CERTIFIED



**Disclaimer:** The information contained in this brochure and datasheets is intended to assist with the usage of unicorn insulations products. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the result shown in this brochure will be achieved by a user for a particular purpose. The user is responsible for determining the suitability of unicorn insulations products for each application. The user is obliged to check the intended usage of the material in terms of infringement on any intellectual property of a third party.