

Product technical specification

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Product name: PRR Line Panel

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Product Introduction

According to Section 6.7.12 of the Code for Fire Protection Design of Buildings GB 50016-2014 (2018 revised edition): The decorative layer of building exteriors shall use materials with a combustion performance of Class A. However, Class B1 materials may be used for buildings with a height not exceeding 50m. This regulation requires that exterior wall insulation and decorative elements must simultaneously meet both fire resistance and thermal insulation functions. For buildings designed with Class A exterior insulation systems, design units often demand Class A fire-rated decorative elements when large quantities of decorative lines are involved. Traditional EPS decorative elements now face restrictions regarding building height and combustion performance, while vertically oriented rock wool, an inorganic insulation and decorative material with Class A fire rating, has gradually gained attention.

Based on this technical background and market demand, our company has developed vertically oriented rock wool line molding panels with Class A fire rating. These panels meet requirements for thermal insulation, heat resistance, soundproofing, waterproofing, and aesthetics. The product is optimally compatible with Wanhua's PRR Panel Thin Plaster System.

Product Features

Exterior wall decorative effect

Class A fire rating

Excellent thermal insulation

High tensile strength

High compressive strength

Superior crack resistance

Long service life

System Process

Commonly used in PRR Panel Thin Plaster Systems, the "adhesive + anchoring" dual-insurance process is applied.

On-site wet-adhesive installation is convenient. The exterior surface of the lines can be directly coated with finishing layers, ensuring simple construction and eliminating thermal bridging effects on the main building exterior.

For more information, please refer to the safety technical manual for our products or contact our customer service center

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