PANELS

# 50 mm Rock Wool Sandwich Panel

金属面岩棉夹芯板

A fire-resistance report for the stated 50 mm metal-faced sandwich wall construction. The tested vertical assembly maintained fire integrity and insulation for 60 minutes.

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| Document number | 2024200307 |
| Tested thickness | 50 mm |
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| Standards | GB/T 9978.1-2008; GB/T 9978.8-2008 |
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| Issuing organization | 应急管理部四川消防研究所（SCFRI）／国家防火建筑材料质量检验检测中心（NFTC） |

## Recorded Results

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| Fire integrity | 60 min |
| Fire insulation | 60 min |
| Mean unexposed-face temperature rise | 59 °C at 60 min |
| Maximum unexposed-face temperature rise | 66 °C at 60 min |

## Sample and Test Conditions

Drawing: 0.5 mm color-coated steel facings and a 100 kg/m³ rock wool core. No MgO or gypsum board lining is shown.

Four client-supplied specimens, each 3000 x 1000 x 50 mm; vertical assembly with a 3000 x 3000 mm exposed area, perimeter restraint and joints fixed as shown in the report.

## Scope of This Document

The results apply to the tested construction, joints and fixing arrangement under the stated GB/T methods. Fire-resistance duration is distinct from reaction-to-fire classification.

Read the complete Chinese document for the original tables, drawings, seals and stated conditions.