

## 应用 Application

### FM认证岩棉夹芯板泄爆墙/屋面

#### FM Approval sandwich panel system

FM认证岩棉夹芯板泄爆墙/屋面由岩棉夹芯板、FM泄爆螺栓、龙骨（檩条）、牵引绞索组成，具有轻质、可量化计算、精确泄爆特点。适用于石化、医药、烟草、电子、核电、军事、烟草等行业有粉尘和气体爆炸危险的建筑物，特别是有FM认证要求的项目。

FM Approval sandwich panel system consist of sandwich panel, explosion venting bolt, purlin and restraint cable, light weight measurable and precise venting. Sandwich panel system are applied to petrochemical, pharmaceutical factory, nuclear plants, electronics, defense, tobacco, etc., especially has the demand of FM Approval.



性能 Performance	等级 Rating	测试机构 Testing Institution
泄爆螺栓破坏荷载 Explosion Venting Bolt Ultimate Load	300N、800N、1800N	FM全球公司 FM GLOBAL
牵引绞索断裂荷载 Restraint Cable Ultimate Load	>20kN	SGS
岩棉夹芯彩钢板泄爆墙泄爆压力值 Sandwich Panel Release Pressure	<20kPa	南京理工大学 Nanjing University of Science and Technology

### FM认证单层压型钢板复合保温泄爆墙/屋面

#### FM Approval single laminated steel plate composite thermal insulation system

FM认证单层压型钢板复合保温泄爆墙/屋面由单层压型钢板、玻璃丝棉、龙骨（檩条）、FM认证泄爆螺栓、牵引绞索组成，具有轻质、可量化计算、精确泄爆特点。适用于石化、医药、烟草、电子、核电、军事、烟草等行业有粉尘和气体爆炸危险的建筑物，特别是有FM认证要求的项目。

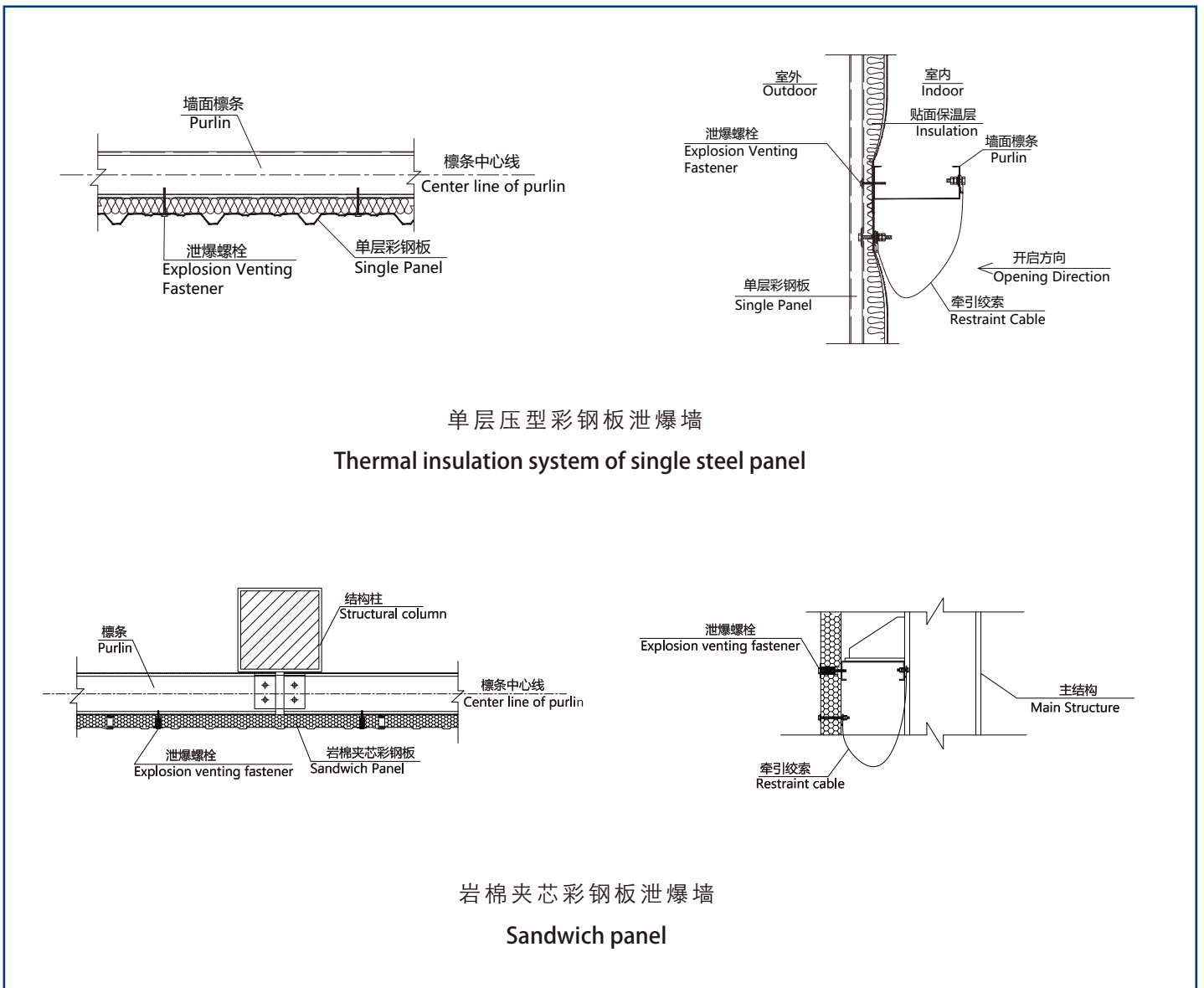
FM Approval single laminated steel plate composite thermal insulation system consist of sandwich panel, glass wool, purlin, single laminated steel plate, explosion venting bolt and restraint cable, light weight measurable and precise venting. Sandwich panel system are applied to petrochemical, pharmaceutical factory, nuclear power station, electronics, defense, tobacco, etc. Especially has the demand of FM Approval.

性能 Performance	等级 Rating	测试机构 Testing Institution
泄爆螺栓破坏荷载 Explosion Venting Bolt Ultimate Load	300N、800N、1800N	FM全球公司 FM GLOBAL
牵引绞索断裂荷载 Restraint Cable Ultimate Load	>20kN	SGS
单层压型钢板复合保温泄爆墙泄爆压力值 Single Laminated Steel Plate Release Pressure	<20kPa	南京理工大学 Nanjing University of Science and Technology

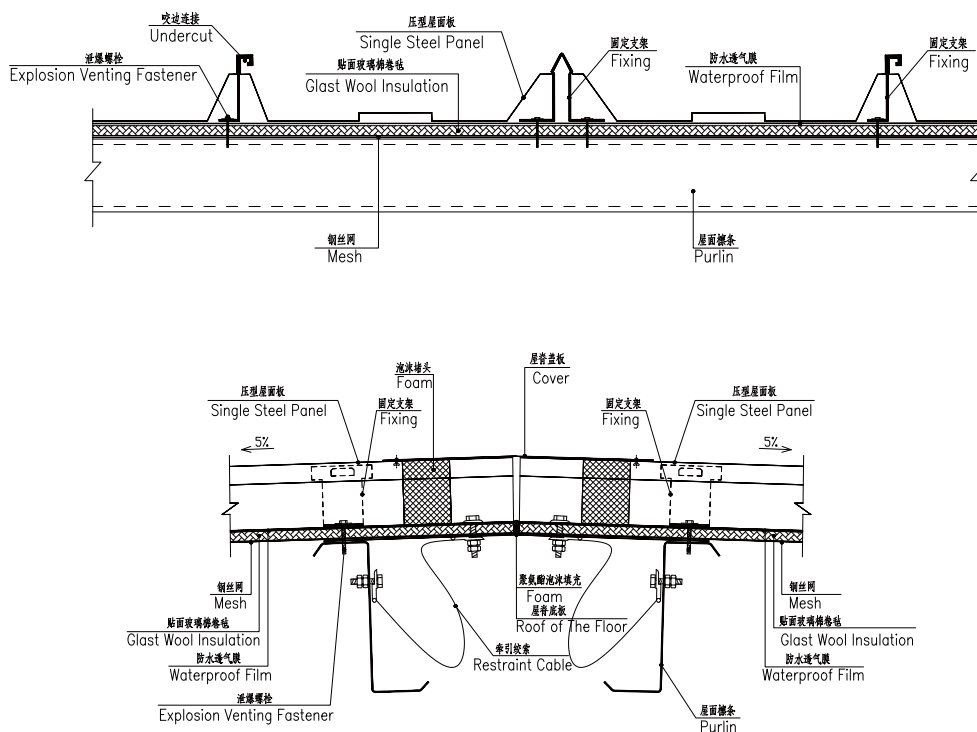
## 设计依据 Design Reference

- 建筑设计防火规范 GB 50016-2014
- 国家建筑标准设计图集 14J938
- 建筑设计防火规范图示 13J811-1改
- 建筑材料及制品燃烧性能分级 GB 8624-2006
- Code of design on building fire protection GB50016-2014
- National Building Standard Collective Drawings 14J938
- The illustrations of code of design on building fire protection 13J811-1modification
- Classification for burning behavior of building materials and products GB 8624-2006

## 参考图 Overview

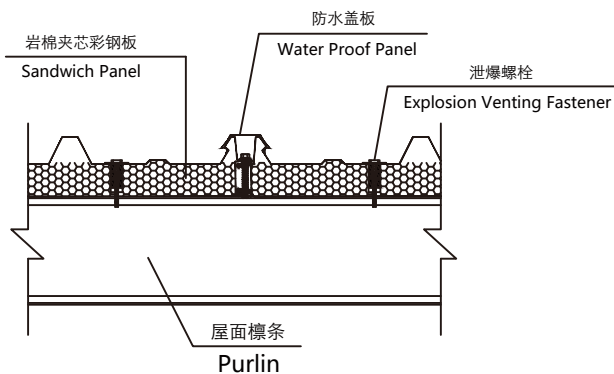


## 参考图 Overview



单层压型彩钢板泄爆屋面

Thermal insulation system of single steel panel



岩棉夹芯彩钢板泄爆屋面

Sandwich panel