



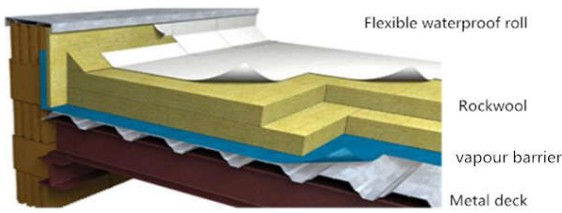
Roof insulation Rock wool board



Product Introduction

Huali rock wool is made from natural stone , melting at 1450 °C, centrifugal injection to kind of mineral fiber, add some thermosetting adhesives and additives etc, with the performance of non-combustible, non-toxic, low thermal conductivity, hydrophobic, sound absorption, etc.

Application

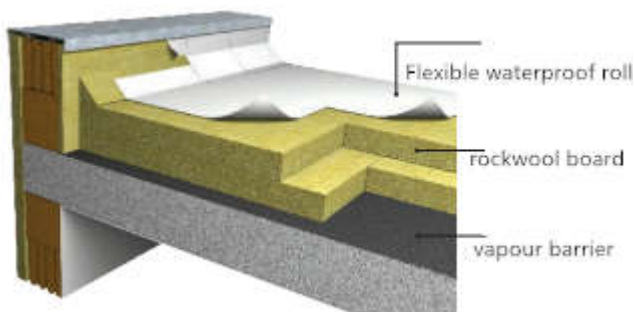
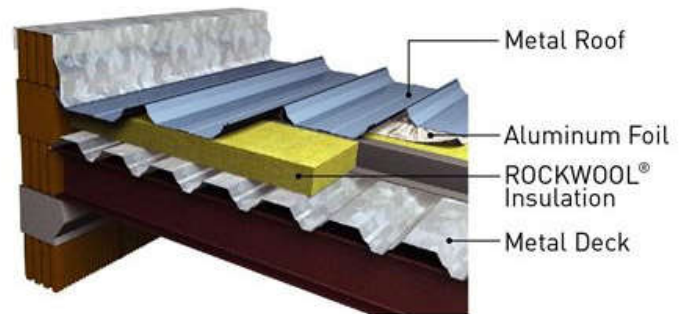


Metal roofing system

Roof board has excellent fire performance, and durable and stable mechanical strength, can meet the requirements of various specifications. Huali rock wool can enhance the overall performance of flexible waterproof roof in fire prevention, heat insulation, sound absorption and noise reduction, so as to make the whole roof system energy-saving and durable. The application of roofing board to the single-layer flexible rolling waterproof roofing system, which is mechanically fixed to the metal plate, is an ideal system structure for commercial and industrial buildings.

Double metal roof system

The excellent sound-absorbing and shock-absorbing characteristics of Huali roof slabs and their own mass effectively reduce the damping resonance between two metal slabs. Huali roof board is an effective sound-absorbing and noise-reducing solution applied to the double-layer metal roof system. It is an ideal choice for all buildings (such as teaching building, airport, conference center, etc.) with high sound-absorbing and noise-reducing performance.



Concrete base roofing system

Due to the high heat storage of concrete, the concrete base roofing must be adequately insulated in summer and winter. The excellent insulation performance of Huali roof board can make the indoor temperature stable and the environment comfortable. In addition, Huali roof plate size is stable, will not be affected by climate diversity.

Production Performance

- Easy to cut and install
- Non-flammable, A0 grade
- Better compressive and tensile strength
- Sound absorption, noise reduction
- Stable fiber structure
- Asbestos free, non-toxic

Product Specification

| Product type | Thickness | Size |
|--------------|-----------|------------|
| HLY40 | 50-150mm | 1200*600mm |
| HLY60 | 50-150mm | 1200*600mm |
| HLY80 | 40-150mm | 1200*600mm |

Note: Other size can be customized

Technical Data

| Item Name | Specification | Unit |
|--|--------------------|-------------------|
| Factor of heat conduction (Temperature 25°C) | ≤ 0.040 | W/mk |
| combustion performance | non-inflammable,A0 | - |
| humidity resistance | < 1 | % |
| water resistance | < 0.5 | kg/m ² |
| Hydrophobic property | ≥ 98 | % |
| Dimensional stability | ≤ 1.0 | % |
| Acidity coefficient | ≤ 1.8 | - |
| Melting temperature | > 1000 | °C |
| Service temperature | ≤ 650 | °C |
| Average diameter of fiber | ≤ 7.0 | um |