



FIRESTOP EZS

FOR SEISMIC (EARTHQUAKE) FLOOR EXPANSION JOINTS - PEDESTRIAN AND
AUTOMOBILE TRAFFIC

IMPERIAL SYSTEM PRODUCTS



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FIRESTOP EZS

FIRESTOP EZS is manufactured from Mineral wool. It is a natural material obtained through the melting of mineral stones at high temperature.

The technical manufacturing process melts slag and stones into a molten state before it is spindled into fine strands of filaments and bounded with the addition of bonders.

The filaments are spread and thicken onto conveyors leading towards rollers for compaction and trimming to required sheet sizes. Formation of other shapes are carried out at the downlines of production.

CHARACTERISTICS OF FIRESTOP

PROPERTIES

| | |
|--------------------------------|------------------------------------------------------------------------------------------|
| Burn Requirement | Firestop cannot be burn with a naked flame |
| Fire Protection | The melting point of Firestop is over 1000°C (1832°F) which ensues excellent protection. |
| Sound Reduction | Compacted filaments contributes to good sound insulation. |
| Thermal Insulation | It has good thermal qualities which contributes to efficient thermal insulation. |
| Vapor permeability | It does not absorb liquids such as water, it repels water at the surface. |
| Health | As it originates from natural minerals, it is completely harmless to health |
| Environmentally Friendly | Firestop EZS is manufactured from natural minerals and will not harm the environment. |
| Flexibility | Its flexibility enables easy installation. |
| Stability at high temperatures | It will keep its form despite influences in external temperature. |



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COMPLIANCE

- Firestop EZS will comply to most universal standards
- ASTM
- European Legislation and Standard
- British Standard
- NF France
- Din German Standards

TEST FOR FIRE RATING

Firestop EZS is certified by SIST EN 13501-2:2008+A1:2009 with 4-hours fire resistance rating, which was achieved in SIST EN 1366-4:2006 tests for both vertical and horizontal application.

FIRESTOP EZS is mandatorily used to prevent the spread of flames through open gap in a burning building structure. This will thus reduce the formation, generation and collection of fumes and toxic gases which hampers breathing and inevitably annihilate human lifes.

It provides a significantly reduced less toxic free environment for people trying to evacuate a burning building structure.

More people die from the inhalation of toxic fumes and gases than being burned by fire. The spread of flames through open gaps contributes to the combustion of articles or building components within a burning building structure.

APPLICATIONS

| FACILITIES | SIDE WALL | CEILING | FLOORS | INTERMDIATE CONNECTIONS |
|--------------------------|-----------|---------|--------|-------------------------|
| HOSPITAL | ✓ | ✓ | ✓ | ✓ |
| SCHOOLS | ✓ | ✓ | ✓ | ✓ |
| INDUSTRIAL BUILDINGS | ✓ | ✓ | ✓ | ✓ |
| SHOPPING MALLS & CENTRES | ✓ | ✓ | ✓ | ✓ |
| MRT STATIONS | ✓ | ✓ | ✓ | ✓ |
| RAILWAY STATIONS | ✓ | ✓ | ✓ | ✓ |
| BUS STATIONS | ✓ | ✓ | ✓ | ✓ |
| GARAGES | ✓ | ✓ | ✓ | ✓ |
| AIRPORTS | ✓ | ✓ | ✓ | ✓ |
| HOTELS | ✓ | ✓ | ✓ | ✓ |
| OFFICE BUILDINGS | ✓ | ✓ | ✓ | ✓ |



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