

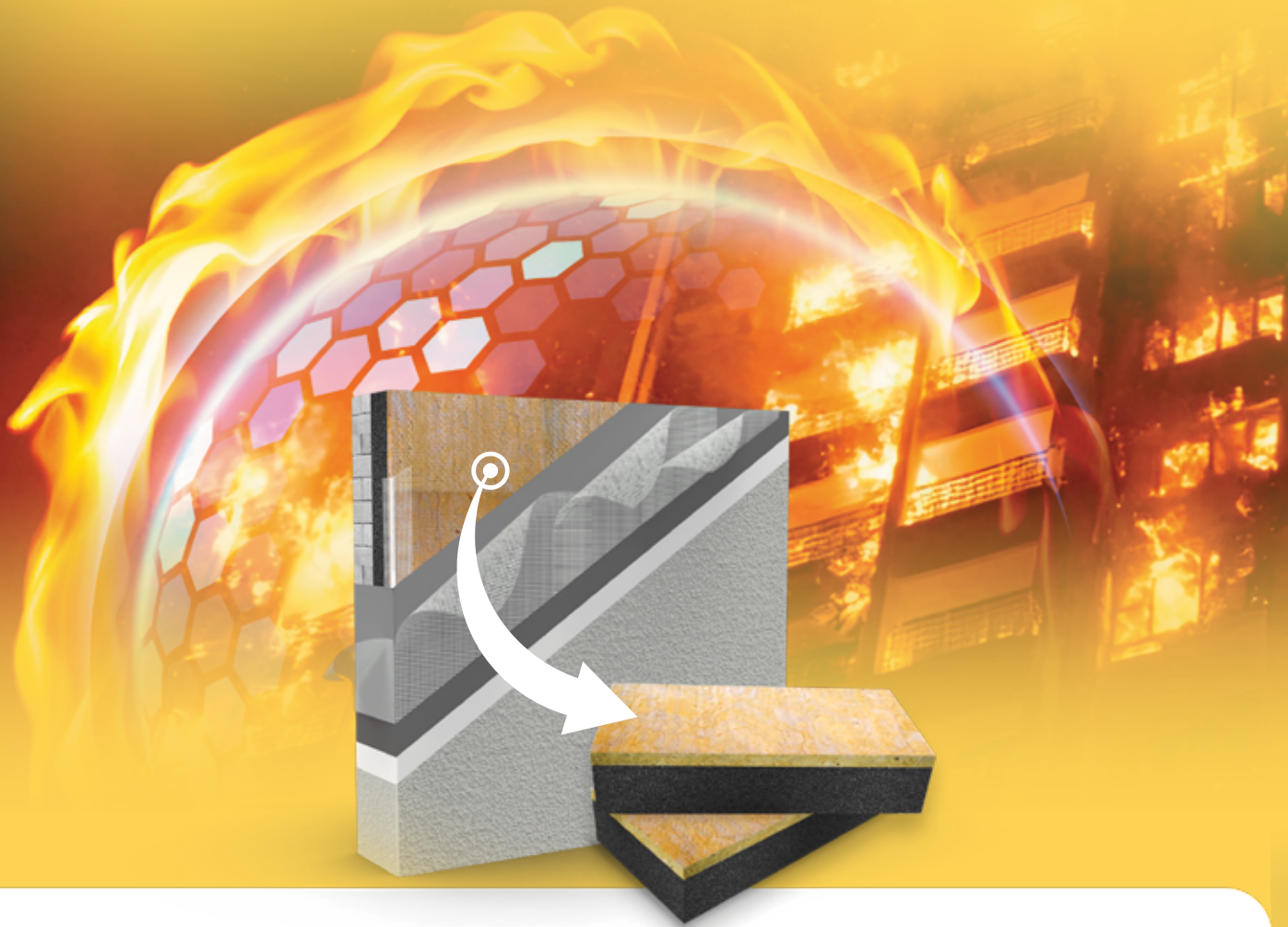
Styro FIREMATE



*The Smart Choice for
Modern Facades with
Fire Safe Insulation*



Fire Safe Facade System for Modern Construction



The safety of building occupants is always the top priority in both construction and renovation with fire safe insulation, **STYRO FIREMATE** engineered from fireproof material, is essential as it slows fire spread and helps contain it within a single area for as long as possible.

STYRO FIREMATE not only enhances occupant safety but also creates a safer environment for firefighters to control flames and minimizes structural damage by keeping fire localized.

Unlike many materials, it does not release toxic smoke, further ensuring a healthier and safer outcome. In addition, modern buildings must comply with approved fire safety standards set by national regulations.

Key Benefits of STYRO FIREMATE :

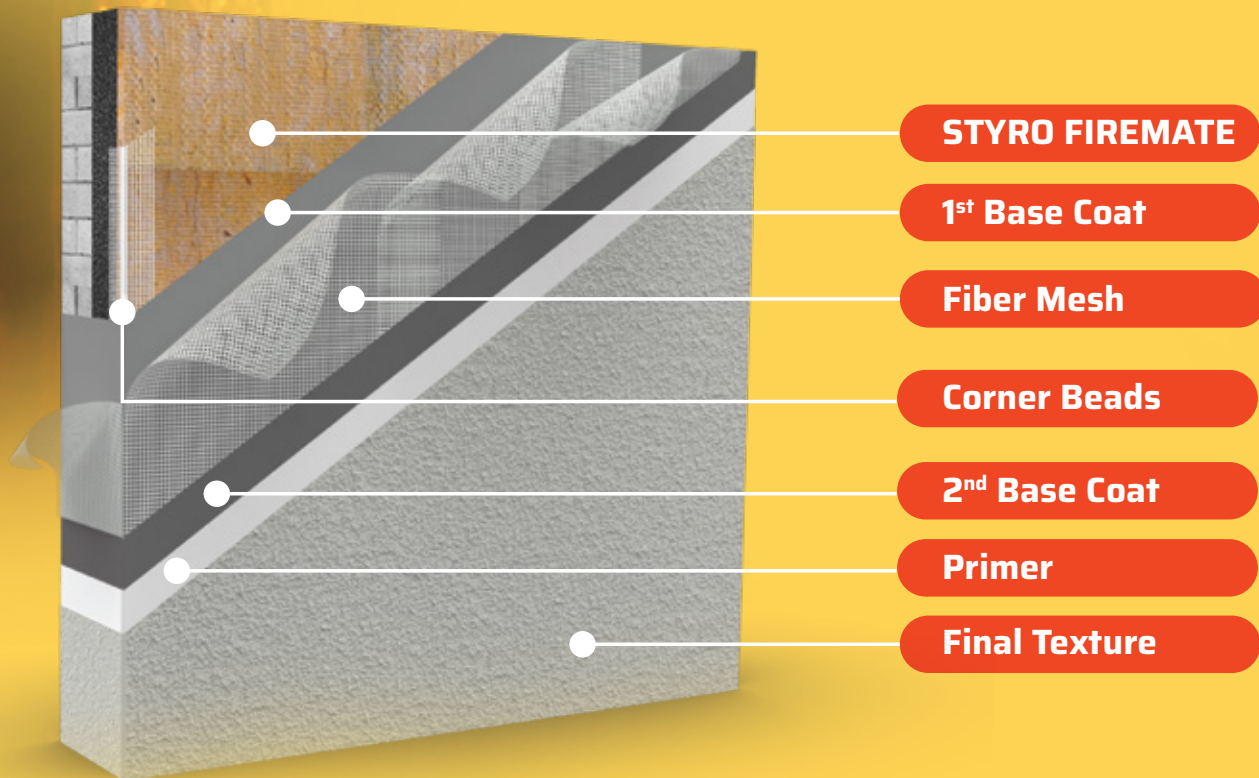
- **Produces no significant toxic smoke**
- **Limits the spread of fire**
- **Delivers consistent and durable performance**

Styro FIREMATE

EXTERIOR INSULATION FINISHING SYSTEM **EIFS**



HIGH STRENGTH COMPARING WITH MINERAL WOOL



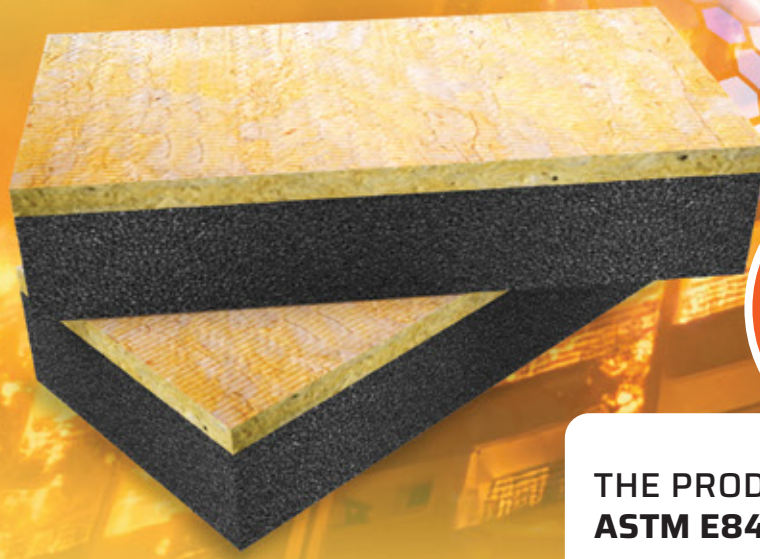
COMPLIES WITH **NFPA 285**
FIRE PROPAGATION
REQUIREMENTS

STYRO FIREMATE EIFS is engineered with fireproof material with protective coatings to provide outstanding fire safety for today's construction needs, meeting the highest civil defence and fire safety standards. Lightweight and environmentally friendly, it not only improves energy efficiency but also light weight and enhances modern facades with versatile design options.

Suitable for high-rises, villas, commercial buildings, new buildings, green buildings and renovation projects. **STYRO FIREMATE EIFS** offers reliable durability and lasting performance with seamless fire safe insulation for facade needs.

Styro FIREMATE

HIGH STRENGTH COMPARING WITH MINERAL WOOL



THE PRODUCT COMPLIES WITH
ASTM E84 CLASS A STANDARDS

Fire-safe insulation plays a critical role in protecting building occupants, slowing down the spread of flames and reducing structural damage.

Since fire risks can arise anywhere within a building, using reliable fire-resistant insulation is essential. With STYRO FIREMATE, you get a trusted exterior insulation solution that delivers both safety and performance—ensuring modern construction is protected today and into the future.

STYRO FIREMATE Physical Properties

Size	1200 x 600 (mm)
Thickness	200 (Max) (mm)
Compressive Resistance	68 (@ yield or 10 % deformation, which occurs first, min kPa)
Thermal Conductivity K-Value	0.033 (w/m.k at 35 degree C)
Flexural Strength	261 (Min, kPa)
Water Vapor Transmission	0.77 (of 25.4 mm thickness, max, perm)
Water Absorption	1.0 (Total immersion, max, Volume %)
Dimensional Stability	0.24 (Change in dimensions, max)
Tensile Strength	5 (Kpa)
Flame Spread Index	0 (Max, as per surface burning characteristics ASTM E84-UI 723)
Smoke Developed	Less than 20 (Max, as per surface burning characteristics ASTM E84-UI 723)



Key Benefits of STYRO FIREMATE



**Enhanced
Fire Safety**



**Highly
Customizable**



Fireproof



**Acoustic
Capabilities**



**Cost
Effective**



**Waterproof
and Weather
Resistance**



**Thermal
Performance**



**Energy
Efficiency**



Lightweight



Durable



STYRO FIREMATE Application Suite

STYRO FIREMATE is a versatile fire-safe insulation designed to meet the needs of diverse construction projects:

Residential Buildings

Ensures occupant safety while enhancing energy efficiency and comfort.

Commercial Buildings

Provides durable fire protection with modern facade design flexibility.

Green Buildings

Supports sustainability goals with eco friendly, energy-saving insulation.

New Construction Projects

Highly effective for new constructions, ensuring long-term safety, compliance and modern performance.

Villas

Combines fire safety with aesthetic freedom, delivering elegant finishes and durable protection.

Retrofit Projects

An ideal solution for retrofitting projects, enhancing safety, compliance and extending the life of existing structures.

CERTIFICATIONS



Civil Defence Approved

STYRO SYSTEMS are approved by Abu Dhabi Civil Defence for use in construction applications, meeting fire safety and protection standards in compliance.



ICV Certified

STYRO is certified by Ministry of Industry & Advanced Technology for IN-Country Value Certification.



ETL US Certified

STYRO holds Intertek ETL US Mark (Electrical Testing Laboratories in United States) for Thermal Insulation Boards of STYRO EPS and STYRO Graypor.



DCL Certified

All Products of STYRO Complies with product conformity certification scheme by Dubai Central Laboratories (DCL) under guideline of Dubai Municipality (DM) according to the International Standards ASTM C578-18 "Standard specification for cellular rigid polystyrene thermal insulation.



ADQCC Certified

STYRO holds ADQCC product conformity certification scheme by Abu Dhabi Quality and Conformity Council. According to the International Standards ASTM C578-18 "Standard specification for cellular rigid polystyrene thermal insulation.



ISO 9001 Certified

STYRO has Management certification from QRS for Quality Management System (QMS) ISO 9001, Environmental Management System (EMS) ISO 14001 and Occupational Health and Safety Management Systems ISO 45001 series.



EGBC Certified

STYRO holds the certification from Emirates Green Building Council for providing sustainable products to the environment.



Chamber of Commerce & Industry Memberships

STYRO is a member of Sharjah, Abu Dhabi, Dubai, Ajman and Ras Al Khaimah Chamber of Commerce and Industry.



OSHAD Certified

STYRO holds certification of Occupational Safety and health system framework from Abu Dhabi and it is approved by Industrial Development Bureau and Abu Dhabi Public Health center.

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