These system components are:

- Adhesive
- Reinforcement (glass fiber mesh)
- Finishing coat / top coat with system primer and/or paint coating
- Accessories, e.g., rigid corner bead, connection and edge profiles, expansion joint profiles, base profiles, etc.

The system must comply with following international guidelines and standards:

ETAG 004 - Guideline for European technical approval for external thermal insulating composite systems
ETAG 014 - Guideline for European technical approval for plastic anchors for thermal insulating composite systems
EN 13163 - Thermal insulation materials for buildings - expanded polystyrene (EPS) products - specification

The ASTM equivalent standards:

ASTM E2430-05 - Standard Specification for Expanded Polystyrene (EPS)
ASTM E2098-00 - Standard Test Method for Determining Tensile Breaking Strength of Glass Reinforcing Mesh for Class PB EIFS, after Exposure to Sodium Hydroxide

A Standard Impact Resistance (SI or S) adopted for upper part of the building.
A High Impact Resistance (H or H) adopted for lower part of the building.
EXPANDED POLYSTYRENE BOARD 50mm THICK - DENSITY 16 TO 20 KG/M3 AS PER SPECIFICATION & MANUFACTURER'S RECOMMENDATION

PALADIN THERMAL ADHESIVE AS PER SPECIFICATION AND MANUFACTURER'S RECOMMENDATION

MECHANICAL FIXATION AS PER MANUFACTURER'S RECOMMENDATION

EXPANSION JOINT PROFILE AS PER SPECIFICATION AND MANUFACTURER'S RECOMMENDATION

NOTES:

These system components are:

- Adhesive
- Reinforcement (glass fibre mesh)
- Finishing coat / top coat with system primer and/or paint coating

The system must comply with the following international guidelines and standards:

- EN13163: Thermal insulation materials for buildings - expanded polystyrene (EPS) products - specifications
- ETAG 004: Guideline for European technical approval for external thermal insulation composite systems
- ETAG 014: Guideline for European technical approval for plastic anchors for thermal insulation composite systems
- ASTM C1397-09: Standard Practice for Application of Class PB Exterior Insulation and Finishing System (EIFS)
- ASTM E2098-00: Standard Test Method for Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh or Fabrics for Use in Class PB EIFS, after Exposure to Sodium Hydroxide

A Standard Impact Resistance of 5.0 J (5 to 8 cm) adopted for upper part of the building.

A Standard Impact Resistance of 10.2 J (1.6 m) adopted for lower part of the building.

PALADIN THERMAL INSULATION SYSTEM
The system components are:

- Adhesive
- Reinforcement (glass fiber mesh)
- Finishing coat / top coat with system primer and/or painting
- Accessories, e.g. fabric corner bead, corner and edge profiles, expansion joint profiles, base profiles, etc.

The system must comply with the following international guidelines and standards:

- **ETAG 004**: Guideline for European technical approval for external thermal insulation composite systems.
- **ETAG 014**: Guideline for European technical approval for plastic anchors for thermal insulation composite systems.
- **EN 13163**: Thermal insulation materials for buildings - expanded polystyrene (EPS) products - specifications.
- The ASTM equivalent standards:
  - A standard impact resistance (A or B) adopted for upper part of the building.
  - A high impact resistance (A or B) adopted for lower part of the building.
The system comprises:
- Adhesive
- Reinforcement (glass fiber mesh)
- Finishing coat/top coat with system primer and top coat

Options, e.g.: fabric corner bead, cementitious and edge profiles, expansion joint profiles, base profiles, etc.

The system must comply with manufacturer's recommendations and standards.

- EN 998-1: Guidelines for European technical approval for a external thermal insulation composite system with mechanical fixing.
- EN 12521: Static and dynamic mechanical test methods for mineral and mineral/聚合物 composite systems.
- BS 5250: Thermal insulation materials for building - expanded polystyrene (EPS) products, specifications.

The ASTM equivalent standards: