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Our major participation in the largest EIFS – Project in the Middle East with more than 300,000 m² completed on-time to the full satisfaction of our client makes us the most sought-after company in building insulation projects.

Plastbau Specialized Contracting has a policy that all work will be performed in a safe manner in compliance with Occupational Safety and Health Administration. All of our employees follow strict safety rules and directives and use personal protective equipment to assure the job is done safely and right the first time.

Plastbau Specialized Contracting approaches every residential and commercial construction project with quality, care and is committed to total client satisfaction. Over the years, we have built a solid reputation based on trust, competence, and competitive pricing.

Our goal is to keep construction projects running smoothly from start to finish and completing them on-time and within budget, with the least amount of disruption to your household.

Quality control is important to the success of every building project. Our Project Managers and Supervisors have a minimum of five years’ experience and are available at any time throughout the duration of the project to answer questions or address concerns.

We understand that our workforce is a vital part of our operation and we employ only the best and dedicated staff with a broad range of skills and experience in the field of construction and building insulation.
Advantages of Plastbau EIFS System

- EIFS with PLASTBAU promote energy savings from 35–60% for cooling climates, depending on the chosen insulation slab (white or silver) and the chosen thickness of the insulation.

- Exterior Insulation Finishing Systems (EIFS) perform better than stucco, concrete block, fiber cement siding, and brick in energy efficiency because the insulation is SEAMLESS. Thus no moisture intrusion and always controlled indoor temperature due to the use of the block-work as cool temperature storage, distinguish EIFS as an excellent choice in mixed, coastal, and hot & humid climates.
**EIFS – External Insulation Finishing System**

The EIFS insulation system of the external building envelope is the most common type for thermal insulation of new low and mid-rise buildings. It can save up to 50% of energy costs. The business unit will provide the entire system covering several components. Refurbishments conducted with EIFS will add more value to the owner’s portfolio than demolition and replacement.

*SABIC Compound executed by J&P in Riyadh received Plastbau EIFS - 10cm on 325,000 m². Round-shaped corner elements were produced on-site using 3D cutting equipment.*

**DFE – Decorative Façade Elements**

DFE is designed to alter the shape of regular built structures in order to generate a complete individual outlook of building units and to provide insulating properties at the same time. The system is developed especially for refurbishment of existing units. All system components are manufactured using Polystyrene as structural element. The target is to achieve a complete new and modern outlook of buildings (KFUPM refurbishment, SIPCHEM Building) by taking into account energy insulating considerations to prevent energy losses at the same time. All elements fulfill the strict fire standards of non-loadbearing façade cladding systems (NFPA 285).

*Refurbishment of KFUPM Dhahran with Architectural Elements finished in a seamless monolithic appearance made from GRP.*
GRP - Glass Fiber Reinforced Polystyrene Profiles

GRP is the economically justified replacement of nearly all GRC (Glass Fiber Reinforced Concrete) Profile applications. Decorative elements used to enhance building expression are commonly executed as so called “GRC”. GRP achieve similar results at 30–40% lower costs and by 70% weight reduction.

OFL – Outdoor Furniture - Landscaping

Polystyrene in combination with high performance polymer modified mortars and high-end finishing solutions are used to serve as durable furniture and design elements for public and private applications. Due to its versatility in design and size, such elements are used as well for landscaping (artificial rock-formations, sculptures) purposes. CAD engineered structures using materials 100% manufactured in the proposed entity will be offered to the market.

We approach every residential and commercial construction project with quality, care and commitment.
IBFS – Insulated Block-work Finishing System
The IBFS insulation system replaces common block-work by providing insulating building elements including all materials for external and internal finishing – the cavity in between the insulating material is filled with regular cast in-situ concrete. 50–60% energy saving may be achieved. The system is suitable for new low and mid-rise buildings.

PIMH – Pre-engineered Insulated Modular Housing
PIMH is developed as self-sustainable Housing concept providing independent utility and wastewater management. It is designed to provide intermediate housing, workshop area, camp space, refugee homes, military housing and catastrophe mitigation and remote development units.

Our Services

The Plastbau House can be visited and experienced live in Dammam 2nd Industrial City – ARAMCO Villa; and in Riyadh at the SABIC – Home of Innovation Cluster.
Environment & Safety

Environment Friendly
The used materials are altogether utmost gentle to the environment as EPS is manufactured using steam and pressure only and the final product can be recycled after its life cycle and can serve for instance as lightweight aggregate in fresh concrete applications.

Safety First
Plastbau Specialized Contracting is investing time and efforts to train its staff for safe installation of all systems according to OSHTA and ARAMCO standards (certified Personal Protection Equipment - PPE). Plastbau Specialized Contracting is using safe and advanced equipment such as hot-wire cutters, continuous mixing systems, appropriate tools and its own special Scaffolding to deliver perfect quality with no time loss incidents.

Energy Efficiency
The higher the R-value, the more effective a building’s insulation. Correctly installed EIFS can be installed with EPS up to 30cm thick to achieve significantly higher R-values up to 60, which is 4-times more than what you can achieve with other claddings or insulated bricks or precast panels. Plus, by placing the insulation on the building exterior Plastbau Specialized Contracting eliminates thermal bridging that can increase energy efficiency of a building by reducing energy consumption by 50% and more.

Certification
Plastbau is approved and certified by SABIC and ARAMCO and has passed in combination with renowned System providers the NFPA 285 Fire Test for non-loadbearing façade claddings.

The silver board with its FSI of 20 and its SDI of 225 is Class A fire-rated.
Our Equipment

The best equipment combined with highly skilled employees and workforce is the backbone of our concept – designed to deliver long-lasting and superior systems and finishing textures to your project.

With our performance warranty we are committed to add real value to buildings. No compromise - Count on us.

**ON-SITE**
- 2,500 m² Patented Scaffolding
- Plastering Machines
- Continuous Mixers maintaining always the correct mixing ratio
- Hot Wire Cutters
- Mobile Generators
- 2D On-site Workshop
- Specialized Tools (European Brand)
- 1 Testo Thermal Transfer Tester
  On-site testing of efficiency
- 1 Thermo Cam
  Discovery of thermal bridges

**WORKSHOP**
- 3D Print Studio
  Our specialist draftsmen are designing individual prototypes for your project – customized and precisely shaped
- 3D Polystyrene 5-axis Cutter
  for precise shaped and perfectly finished masterpieces in your project

All staff are equipped with high quality (ARAMCO certified) PPE.
Al Nawras Compound
Septa Holding, Al Aziziah - 18,000 m²

Al Waseel Hills
SABIC, Riyadh - 335,000 m²

King Salman Science Oasis
ICC, Riyadh - 14,000 m²

Aramco Villa
Aramco, Dammam - 350 m²

Home of Innovation
SABIC, Riyadh - 800 m²

Nobu Restaurant
Qatari Diar, Doha, Qatar - 1,260 m²

KFUPM - Refurbishment
KFUPM, Dammam - 900 m²

Major Projects

INTERNATIONAL SIGNATURE PROJECT SELECTION
PLASTBAU MANAGEMENT

The experience of the current Plasbau Contracting Management goes back to the early 90’s and span over 1 million m² finished EIFS

Olof Palme Hof - Refurbishment
Municipality of Vienna, Austria, 76,000 m²

Schoenbrunn Castle - Refurbishment
Municipality of Vienna, Austria, 42,000 m²

Hotel Don Givanni
Marco Polo Group, Prague, 12,000 m²

Nautilus Mall
Moscow, Russia, 9,000 m²
PLASTBAU SPECIALIZED CONTRACTING CO. LTD.

PO BOX 2384, Al Khobar 31952
Kingdom of Saudi Arabia
T: +966 13 812 1862 | +966 13 812 3434  F: +966 13 812 394662
M: +966 5 6257 5675 | +966 536 234 654  UAE: +971 56 205 7127