



شهادة تسجيل نظام عزل حراري
Registration Certificate of Thermal Insulation System
(Ministerial Order No. 8/1999)

Certificate No:	TIS17010	رقم الشهادة:
Registration Date:	22/11/2017	تاريخ الإصدار:
Issued to:	Amna Insulation & Chemicals Kingdom of Bahrain	أصدرت إلى:
System Name:	Politerm Light Concrete (PLC 250C)	اسم النظام:
Application For:	Roof	الاستخدام في:
Manufacturer Name:	Amna Politerm Blu Kingdom of Bahrain	اسم المصنع:
Valid Until:	30/11/2018	تاريخ الصلاحية:

الرقم Sr. No.	مكونات نظام العزل الحراري Thermal Insulation System Components
1	Politerm Light Concrete (PLC 250C) for 1CBM is mixed of Politerm Blue (840lt.), water (125-140lt.), and cement (250kg). It is of density 266kg/m ³ & thermal conductivity 0.094W/mK used with minimum thickness of 125mm.

Conditions:

- The above thermal insulation system is to be used as described above for roof, provided the overall U-value for the concrete does not exceed 0.6 W/m²°C.
- The system shall not be exposed, it shall be protected against the weather.
- The mixing and laying of the system on the roof shall be conducted by an applicator trained and authorized by the manufacturer only.
- The owner of this system is responsible of ensuring that the system is carried out by him or an approved applicator, for supplying all the accessories associated with it, and for any consequences that may result from the use of this system.
- The owner of the system is responsible of making the necessary arrangement to allow inspectors to verify thickness of PLC on site when needed.
- All documents published by the owner for the above system should not contradict with the thermal conductivity value stated in this certificate.
- This approval is granted for thermal insulation only. Any additional approvals / permissions required should be sought from the concerned authorities.
- The TIU should not be held responsible for any consequences that may result from the use of this system.

Electricity Conservation Section

