



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

<b>Certificate No:</b>	TIS17011	رقم الشهادة:
<b>Registration Date:</b>	19/11/2017	تاريخ الإصدار:
<b>Issued to:</b>	Al-Mahmood Company Limited WLL Kingdom of Bahrain	أصدرت إلى:
<b>System Name:</b>	Espac Autoclaved Aerated Concrete (AAC) Block	اسم النظام:
<b>Application For:</b>	Wall	الاستخدام في:
<b>Manufacturer Name:</b>	Espac Precast Aerated Company Kingdom of Saudi Arabia	اسم المصنع:
<b>Valid Until:</b>	30/11/2019	تاريخ الصلاحية:

الرقم Sr. No.	مكونات نظام العزل الحراري Thermal Insulation System Components
1	Espac, Autoclaved Aerated Concrete (AAC) Block (density 470kg/m <sup>3</sup> & thermal conductivity 0.13W/mK).
2	Plafixx510 thin bed mortar for AAC blocks (density 1613kg/m <sup>3</sup> & thermal conductivity 0.86W/mK).

**Conditions:**

- The above thermal insulation system is to be used as described above for the walls, provided the overall U-value for the wall does not exceed 0.75 W/m<sup>2</sup>°C.
- The owner of this system is responsible for supplying all the accessories associated with it, and for any consequences that may result from the use of this system.
- 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