



Mannok EPS Pearl is one of a range of expanded polystyrene insulation boards we manufacture for domestic and commercial floor applications

Benefits of Mannok EPS Pearl

- Mannok EPS Pearl is a closed cell expanded polystyrene (EPS) insulation board suitable for use in all floor constructions.
- Available in compressive strengths of 70Kpa and 100Kpa to suit domestic to commercial applications
- Mannok EPS Pearl is certified by the British Board of Agrément (BBA) and the Irish board of Agrément (IAB).
- Mannok EPS Pearl can be used with underfloor heating systems.
- When installed correctly Mannok EPS Insulation boards have a service life comparable to that of the building.
- Mannok EPS Insulation is suitable for use as part of an external insulation system in new and retrofit projects.

Composition

Mannok EPS Pearl is manufactured by using steam to expand polystyrene beads to approximately forty times their original size. As the beads expand they bond and can then be moulded to the required shape. Mannok EPS Insulation Pearl is manufactured using advanced EPS polymers which offer improved thermal performance.

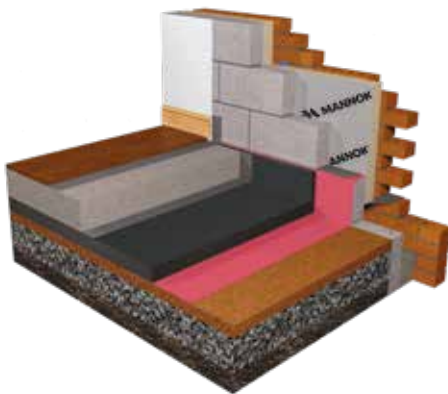
Thermal Performance

Mannok EPS Pearl has a thermal conductivity of 0.031W/mK, making it one of the most efficient expanded polystyrene boards on the market.

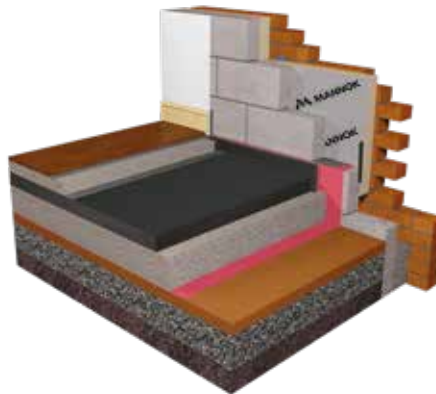
Environmental

Mannok EPS Pearl is manufactured from EPS (expanded polystyrene) and achieves an A+ rating in the BRE Green Guide to Specification.

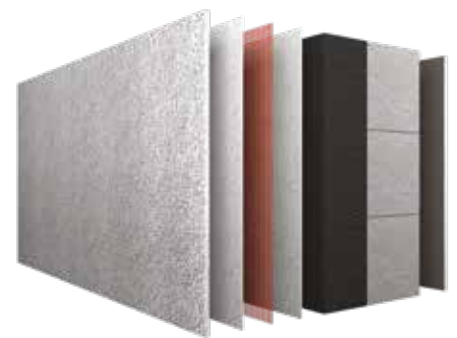
Applications



Solid ground floor:
MF below groundbearing slab



Solid ground floor:
MF above groundbearing slab



External Wall Insulation System