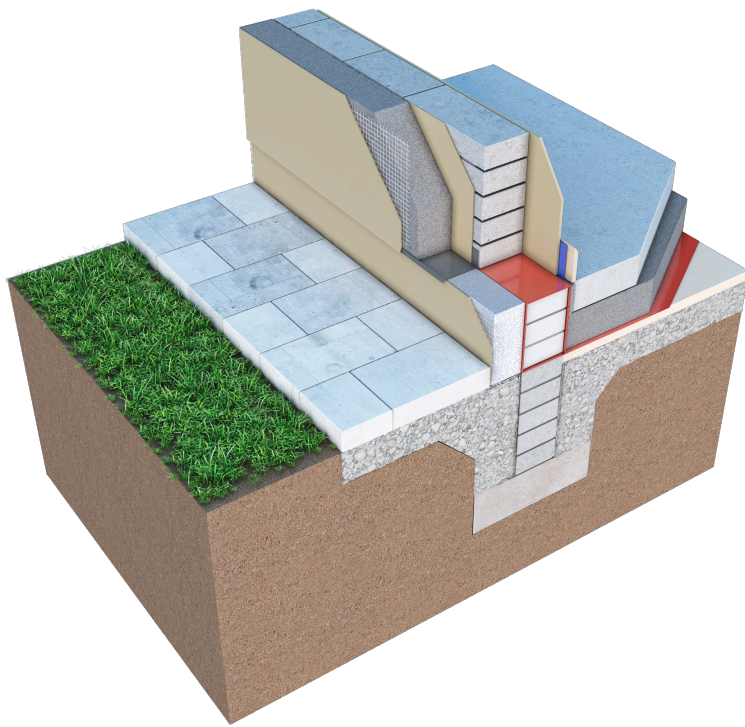


KOREEXTERNAL

nZEB-Ready Expanded Polystyrene External Wall Insulation



Meet & Exceed nZEB Requirements

KORE External insulation has been designed to meet and exceed the U-value requirements of Part L 2021:

160mm EPS70 Silver - 0.18W/m²K

Looking for Lower Values?

200mm EPS70 Silver - 0.15W/m²K

**Calculations for solid masonry block wall*

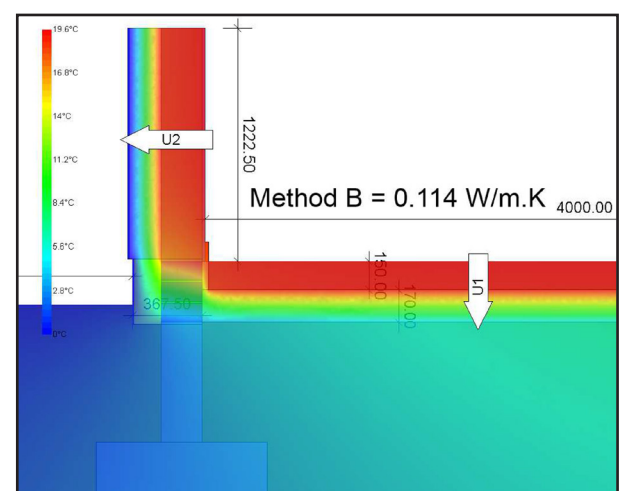
EPS200 White plinth/reveal board also available

KORE Solution	Thermal Conductivity
EPS70 Silver	0.031W/mK
EPS70 White	0.037W/mK

Why Choose KOREEXTERNAL

KORE External is a high performance expanded polystyrene insulation board that is used in conjunction with a composite external thermal insulation system.

- KORE External insulates with air, not gas
- Compliance with building regulations, including nZEB, is simple
- Thermal performance will not diminish over time
- KORE External is durable, easy to work with and install
- KORE External can be installed in damp conditions
- KORE External is suitable with all NSAI certified external wall insulation systems
- KORE External is suitable for a variety of wall types including cavity walls, solid block walls, hollow block walls and even timber frame*



Psi Value - 0.114W/(mK)
fRsi Value - 0.82

Airpacks Ltd
The Green, Kilnaleck, Co. Cavan
A82 T291

www.kore-system.com

How to Install KOREEXTERNAL

KORE External insulation can be installed for a variety of wall types, including solid masonry block walls, masonry cavity walls and timber frame construction with a masonry outer leaf. KORE External must be used with a composite system.

We offer a detailed design guide available on the KORE website and KORE Resource Centre. Join the KORE Resource Centre at no cost and receive access to our full library of technical documents including installation guidelines, design guidelines, declaration of performance certificates, U-value calculations, condensation risk analysis and BIM object files. Sign up today by visiting

www.kore-system.com



KOREEXTERNAL Quality Assurance

- Buy an independently certified product. Ensure the external insulation system you purchase is certified by the National Standards Authority of Ireland (NSAI)
- Buy a product manufactured to an independent certified quality management programme. Our manufacturing process is certified to ISO 9001:2015 QMS.

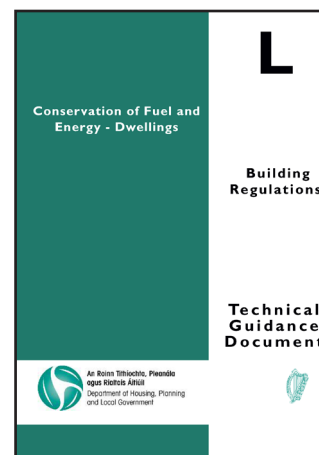
KORE Technical Services

KORE's technical and sales teams have decades of combined experience in the insulation and construction industries. We partner with our customers, ensuring complete technical support - no matter the size of the project. Our services include:

- We can provide U-value calculations to determine thickness and grade of KORE EPS you need to install, specific to your property
- Condensation risk analysis
- We can provide you or your architect with thermal bridging analysis results for typical junctions
- We can provide you or your architect with temperature factor analysis results for typical junctions
- We can visit the site and perform installation quality checks
- We can provide you with a third-party verified Environmental Product Declaration for our EPS product range



BRE Green Guide awards KORE External with an A+ Environmental Rating



Designed to meet and exceed Ireland's Building Regulations Part L 2021. KORE External can be used towards achieving nearly zero energy building.

www.kore-system.com

A product of **AIRPACKS**