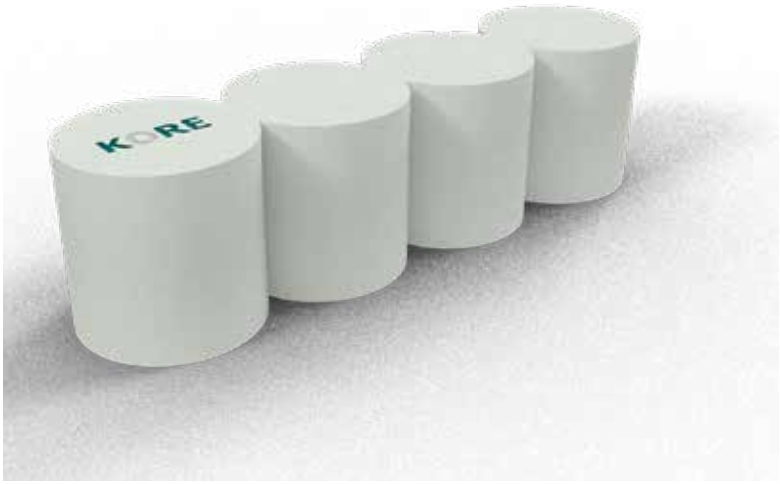
# KORE VOID FORMERS

# Expanded Polystyrene
## For Civil Engineering Applications




### Experience the Strength of EPS

KORE's EPS Void Formers are used extensively throughout the construction industry for major works such as motorways, underpasses, shopping centres, foundations and embankments. KORE Void Formers are suitable for domestic and commercial applications.

KORE EPS can be utilised for a variety of void former and void filler applications, decreasing the volume while increasing the strength of concrete.

KORE EPS is available in a range of compressive strengths to suit the needs of nearly any project.

| Density | EPS70 | EPS100 | EPS150 | EPS200 | EPS300 |
|---|---|---|---|---|---|
| Thermal Conductivity | 0.037W/mK | 0.036W/mK | 0.035W/mK | 0.033W/mK | 0.032W/mK |
| Compressive Strength at 10% Strain (kPa) | 70 | 100 | 150 | 200 | 300 |

### Why Choose KORE VOID FORMERS

- KORE EPS is durable, rot-proof, water and moisture resistant and will last the lifetime of the project
- KORE Void Formers are available in a range of compressive strengths
- KORE EPS can be left in-situ or can be removed depending on the project requirements
- KORE EPS can be reused where identical elements are required
- KORE Void Formers contain no toxic chemicals, CFC or HCFCs and can be handled without specialised tools or equipment
- KORE EPS is manufactured to the project's exact specifications - perfect for situations that require millimeter accuracy
- KORE's bespoke void former solutions allow the product to be used for an extensive range of void filler and former applications


### Typical Applications

- Arch Formers
- Spiral Staircase Formers
- Column Formers
- Trough Moulds
- Waffle Moulds
- Guide Wall Formers
- Secant Pile Wall Construction
- Temporary Access Ramps
- Rail Platforms
- Road Embankment
- Slope Stabilisation
- EPS for Marine Pontoons
- J Feed Troughs

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## How to Install KORE VOID FORMERS

KORE Void Formers are manufactured to the specifications required for each project and are profiled before delivery to site. KORE Void Formers can also be cut on site without the need for any specialised equipment.

Join the KORE Resource Centre at no cost and receive access to our full technical library, including installation guidelines, design guidelines, declaration of performance certificates, U-value calculations, typical construction details and BIM object files. Sign up today by visiting www.kore-system.com.

Thames Tideway Project, London

## Quality Assurance

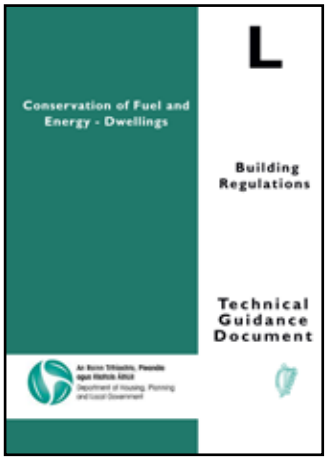
- KORE Void Formers & Void Fillers comply with IS EN 13163 & IS EN 14933
- Buy a product manufactured to an independent certified quality management programme. Our manufacturing process is certified to ISO 9001:2015 QMS

## 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 T-Beam with an A+ Environmental Rating




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

**www.kore-system.com**

A product of AIRPACKS