

# ECOPLANET ENDURE (CEM III/A 42,5N)



**With 30% less carbon than any other Portland cement currently available in the UK, ECOPlanet Endure offers the perfect combination of eco credentials and great performance.**

ECOPlanet Endure is a CEM III/A 42,5N blast furnace cement ideal for applications that require enhanced resistance to sulfate and chloride ingress but also require relatively high early strengths. Designed for high exposure class concrete product manufacturing (precast market).

Our cement range is quality-assured with third-party accreditation, and carries the UK CA Mark. We operate in compliance with an accredited ISO management system and all our products conform to BS EN 197-1.

## FEATURES & BENEFITS

- ▶ Lowest CO<sub>2</sub> footprint factory blended cement available in bulk in the UK
- ▶ Resistant to sulphate attack
- ▶ Resistant to chloride ingress\*
- ▶ Moderate heat of hydration
- ▶ Improves pumpability, placing and finishing
- ▶ Optimises water/cement ratio
- ▶ Improved workability retention
- ▶ Reduces the risk of bleeding in concrete
- ▶ Offering full range of sustainability profiles
- ▶ Supports most advanced sustainability building certifications from BREEAM to LEED

\*Can be classified as CEM III/A+SR when used in accordance with BS 8500 and BRE SD1.

## STORAGE

Can be stored in a silo ready for use.

## APPLICATIONS

For all applications from complex infrastructure projects to home-building, engineered for concrete products with high durability requirements such as:

- ▶ Drainage products
- ▶ Piling work
- ▶ Wide potential range of applications (all exposure classes)

## AVAILABILITY

Available in 25kg bags. Should be stored in a cool dry place clear of the ground.

## TECHNICAL DATA (TYPICAL PERFORMANCE)

Compressive Strengths (Mpa)	
1-day	8
2-day	15
7-day	26
28-day	51
Setting time (mins)	230
Declared mean Alkali content (%)	0.65
Declared maximum Chloride content (%)	0.09