

TERRACEM HYDRAULIC ROAD BINDER



Designed to strengthen existing onsite material without the need to import aggregates, TerraCem soil stabiliser has been specially engineered to modify and improve soils, strengthening weak substructure layers to create a more robust working platform.

Our advanced cement blend offers a much more sustainable soil stabilisation solution, with 15% less embodied carbon than a standard Portland cement alternative.

FEATURES & BENEFITS

- ▶ Designated as a rapid hardening hydraulic road binder conforming to EN 13282-1 HRB E 4
- ▶ Manufactured using sustainable binder technology
- ▶ Lower embodied carbon than traditional stabilisation cements
- ▶ Uses in-situ materials without the need to import aggregates
- ▶ Good early age strength development

APPLICATIONS

- ▶ Rail
- ▶ Road
- ▶ Platforms
- ▶ Airports
- ▶ Harbours

STORAGE

Can be stored in a silo ready for use.

AVAILABILITY

Available in bulk loads delivered by tanker. Site must have suitable access for vehicles and a safe discharge point.

TECHNICAL DATA (TYPICAL PERFORMANCE)

Compressive Strengths (Mpa)	
1-day	15.0
2-day	25.0
7-day	35.0
28-day	40.0
Setting time (mins)	140
Standard consistency (%)	28.6



TERRACEM HYDRAULIC ROAD BINDER



CONDITIONS OF USE

- ▶ It is essential to use the correct materials, proportion and mix the materials properly, add the correct amount of water, compact, cure and protect as appropriate.
- ▶ Holcim cannot be held responsible where workmanship has not been carried out in accordance with good practice.

GOOD SITE PRACTICE

- ▶ A risk assessment should be carried out before commencing any work.
- ▶ We recommend that trials are undertaken when using a new source of cement. Samples are available on request for trial work and technical support is also available.
- ▶ To maintain strength the water/cement ratio should be kept low and admixtures should be used to achieve the required workability.
- ▶ The use of cementitious additions e.g. Fly Ash and GGBS will affect overall strength and workability.
- ▶ Terracem should be placed by experienced contractors who have the correct training.

SUSTAINABILITY & LOCAL SOURCING

Energy use and greenhouse gas emissions

Holcim UK is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

Manufacturing location

Produced in the UK under strict environmental and social legislation, for local supply.

Circular economy

We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

Responsible sourcing

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Holcim UK has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- ▶ Quality Management
- ▶ Environmental Management
- ▶ Health and Safety Management
- ▶ Greenhouse Gas Emissions
- ▶ Minimising Raw Material Usage
- ▶ Labour Practice
- ▶ Biodiversity
- ▶ Community Engagement

POLICIES

Holcim policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.holcim.co.uk.

COSHH DATA

Full COSHH data is available on request.

HEALTH & SAFETY

Contact between cement powder and skin or body fluids (e.g. eye fluids) may cause irritation, dermatitis or burns. Cement is classified as an irritant under the Chemicals (Hazard Information and Packaging) Regulations. Please refer to the product safety data sheet for full information.

TECHNICAL SUPPORT

Should you require information for this or any other product within the Holcim range, please contact our Customer Support team on **01455 288392** or email uk-cement@holcim.co.uk.

For technical support email cement.technical@holcim.co.uk. Alternatively, visit our website at: www.holcim.co.uk.

Holcim UK Cement

Cauldon Cement Works, Yelsway Lane,
Stoke-On-Trent, Staffordshire, ST10 3EQ
Visit: www.holcim.co.uk

The information contained within this publication was accurate at time of production. However, Holcim UK reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products.