

Hanson Instant Concrete

Technical Data Sheet



DESCRIPTION

Hanson Instant Concrete is prepared by blending Hanson Cement CEM I 52.5N (to BS EN 197), with Regen GGBS (to BS EN 15167) and aggregates (conforming to BS EN 12620).

APPLICATION

Hanson Instant Concrete can be used for shed bases, slab bases, patio bases, and general repairs

- Easy to use – just add water
- Saves time – quick and convenient
- Quality – guaranteed product quality



QUALITY

Hanson Instant Concrete meets the requirements of BS5838-1:1980 and is factory produced to ensure the highest quality concrete.

COVERAGE

Recommended minimum thickness for slab and path bases suitable for foot traffic is 50mm. For heavier duty applications e.g. shed bases 75mm is the recommended minimum thickness.

When mixed with water a MaxiPack20 will produce approximately 0.009m³ of concrete and cover:

- 0.12m² @ 75mm thick
- 0.16m² @ 50mm thick

COMPRESSIVE STRENGTH

Approximately 15 Nmm² @ 28 days.

ADDITION OF OTHER MATERIALS

Hanson Instant Concrete is a pre-packed concrete. The addition of admixtures is not necessary and could adversely affect the performance of the finished product.

INSTRUCTION FOR USE

All surfaces to be worked should be free from oil, grease and any loose material. The area where concrete is to be placed should be prepared to prevent loss of moisture from the wet concrete.

For best results, mix thoroughly using a mechanical mixer, empty the bag of Hanson Instant Concrete into the mixer and blend until uniform. Slowly add clean water until the desired consistency or slump characteristics are achieved.

Alternatively, empty the bag of Hanson Instant Concrete onto a clean, flat moisture resistant surface, such as a mortar tray. Slowly add clean water until the desired consistency or slump characteristics are achieved, by thoroughly mixing with the aid of a shovel or similar.

Alternatively for bases up to 50mm thick the following procedure can be used:

Place Hanson Instant Concrete direct from the bag into the work area, working from one end to the other. Continuous areas should be limited to no more than 2m² to avoid possible cracking as a result of movement. Even out with a straight edge to create a level surface.

Use a watering can with a fine rose to apply a small amount of water lightly and evenly to the Hanson Instant Concrete (without pooling) until the surface starts to turn a uniform dark colour. Do not add more than 3 litres of water per square meter. Too much water will weaken the mix

Using either the edge of a plank or a plasterers float tamp the dampened surface lightly, stopping 300mm short of any un-dampened surface to avoid disturbing the remaining material. Increase the pressure on the float or timber plank to compact the surface. A smooth flat surface can be achieved by finishing with a plastering float.

After 2 hours sprinkle with approximately 3 litres of water per square metre (avoid direct water pressure on the surface). Further water should be added after 12 hours in internal situations or very dry conditions where quick drying takes place.

For best results, protect newly laid concrete from the weather until fully hardened. Concrete strengths are improved by keeping the concrete damp during hardening.

Application temperature: +5°C to +35°C.

PACKAGING AND STORAGE

- This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive draught.
- If stored correctly, as detailed above, the chromium (VI) in this product will be within required levels for up to 12 months from the date shown on the bag.
- Use of this product after the declared storage period, as detailed above, may increase the risk of an allergic reaction following direct contact with skin.
- Concrete MaxiPack20 comes in an easy to handle, fully waterproof all weather bag.

TECHNICAL SUPPORT

For further advice please contact Hanson Cement's Technical Helpline on 0330 123 2441.

HEALTH AND SAFETY

Please refer to Material Safety Data Sheet for full information.

For further information contact:

Hanson Cement
Ketton
Stamford
Lincolnshire
PE9 3SX

Hanson.co.uk

Customer Services:

Tel: 0330 123 4525
Fax: 01780 727 008
Email: cement@hanson.com