55100 C&G Easyflow Screed

Introduction

- C&G Easyflow screed is a flowing screed that requires the minimum of compaction and will produce a floor that is level and ready to receive tiles and carpets etc.
- C&G Easyflow screed is only supplied to specialist and trained contractors.

Benefits

- The benefits over standard screeds are numerous:
  - Increased productivity.
    - Up to 2000m^2 may be achieved in one day.
    - Reduced thickness
    - Earlier trafficking
  - Improved Finish
    - No long term curing required
    - Low shrinkage
    - Improved surface regularity (SR2 or better)
    - Curling eliminated
  - Excellent for under floor heating systems.

Applications

- C&G Easyflow screed is suitable for all types of construction including new build and renovation work.
- C&G Easyflow screed may be used in bonded, unbounded and floating construction.
- C&G Easyflow screed is ideally suited for under floor heating application
- C&G Easyflow screed is designed specifically for interior applications where a subsequent floor finish is to be applied, such as tiles, carpets or paints.
- C&G Easyflow screed is not suitable for
  - Swimming pools
  - Communal baths or showers
  - Communal changing rooms of sports centres.
  - Abattoirs
  - Industrial Kitchens
  - External paved areas, yards etc

Composition

C&G Easyflow screed is composed of carefully selected materials that are accurately batched through a sophisticated computerised batching system.

Compliance and Testing

C&G Easyflow screed has been designed to meet the requirements of BS EN 13813:2002 Screed and floor materials.

Thickness and Cover

C&G Easyflow screed has an improved flexural strength allowing thinner thickness than conventional screeds

Construction Method	Thickness
Unbonded	30mm
Floating	35mm

Coverage

Thickness of screed (mm)	Area covered by 1m^3 (m^2)
30	33
35	29
40	25
45	22

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Damp Proof Membrane

- C&G Easyflow screed should be laid on a 500 gauge polythene membrane.
- Never place the d.p.m over the newly laid screed.

General Site Preparation

- Building should be weather tight
- Area must be swept or vacuumed and free from any impurities.
- A 5mm or 10mm (under floor heating) foam border strip should be fitted around the perimeter and any up stands.
- Structural joints must be extended through the screed.

Characteristics

Compaction

- Virtually self compacting so poor compaction is nearly eliminated.

Curing

- Close all windows and external doors for the first 24 hours
- Avoid direct sunlight or heat during early life.
- After 48hrs, open all windows and doors to allow circulation.
- Light traffic is possible after 1 or 2 days depending on the effectiveness of the curing.
- Close all windows and doors at night to prevent possible condensation.

Shrinkage

- Movement joints may be significantly reduced.
- Large areas should not exceed aspect ratio of 6:1 or 2000m^2
- Shrinkage is virtually eliminated

Hardened Properties

- Improved impact resistance when compared to conventional screeds.
- Improved flexural strength which permits greater areas and aspect ratios.

Technical properties

References

BS8204 Part 7	Screeds, bases and in situ floorings. Pumpable self smoothing screeds
BS EN 13813: 2002	Screed material and floor screeds- Screed material-Properties and requirements.
BS EN 13892 Part 2:2002	Methods of test for screed materials Determination of flexural and compressive strength.

Contact details

To discuss this product in more detail please contact

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