

ecFlow Specialised self compacting concrete, bringing real benefits over traditional concrete

ecFlow is a proprietary product designed by Eastern Concrete as an alternative mix to allow easy placement and finishing when looking to place domestic over site slabs.

ecFlow mix incorporates 4/10mm aggregate and cement mixed with superplasticiser, creating a high flow class which enables easy placement of oversites with no need for power float finish.



The system requires the contractor to dapple the surface in both horizontal planes to create a smooth finish which is the finished floor level.

During placement the final task is to cover the entire surface with an approved 90% efficient curing agent to protect the surface from plastic shrinkage.

The product comes with two grades; ecFlow & ecFlowD the second of which has NHBC approved macro polypropylene structural fibres (4kg structural macro fibres/m³) for use in block & beam overlays. Both mix strength exceed NHBC 30N/mm² requirement.

the benefits of **ecFlow**

- High quality finishes
- Reduced labour requirements
- Reduced or eliminated remedial work
- Reduction in site noise levels
- No need for reinforcement mesh - less manual handling, cutting of steel and storage
- No requirement for power float - no plant and handling issues
- Ease of placement over traditional concrete mixes
- Flexible placing options
- Elimination of “vibration white finger” risk
- Can be laid as thin as 75mm
- Can be used on underfloor heating with min. 50mm cover

the applications of **ecFlow**

Domestic | Commercial | Industrial buildings | Transport infrastructure | Public buildings