

High performance self compacting concrete



FM Proflow is a finely tuned blend of aggregates, cement, water and additives resulting in a high performance self compacting concrete that can meet the challenges of some of the most demanding applications.

SUITABLE APPLICATIONS

- Domestic floors and slabs (Block & Beam NHBC compliant steel fibre mix option).
- Congested Re-enforcement.
- Structural toppings.
- Offices, Mezzanine and Industrial Units.
- Commercial slabs such as composite deck construction (rib metal decking).
- Low traffic industrial floors.
- Suitable for underfloor heating, subject to all manufacturer's guidelines (reinforcement mesh required, typically A142 or A193).

CONDITIONS

- FM Proflow is designed for installation when the air temperature is between 5°C and 30°C. The ground and/or substrate must not be frozen and should be within the above temperature range.
- Suitable membranes should be installed prior to application, please consult your technical representative.
- A suitable curing agent must be applied immediately after finishing, please check suitability with your technical representative.
- Minimum thickness 75mm.
- Workability retention typically of 2 hours, subject to temperatures and conditions.
- Compressive strength at 28 days – 35N/mm².

HEALTH & SAFETY

The elimination of vibrating equipment improves the working environment wherever concrete is being placed, by reducing the exposure of workers to noise and the risk of 'vibration white finger' caused by vibration. These improved practices and health and safety benefits make FM Proflow an attractive solution in many applications.

Contact with concrete may cause irritation, dermatitis or severe alkali burns. There is serious risk of damage to the eyes. Wear suitable waterproof protective clothing, gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin, wash immediately with plenty of clean water. Keep out of reach of children. Contains Chromium (VI), which may cause an allergic reaction.

MAIN FEATURES/BENEFITS

Site productivity improvements
faster flowing and dapple style finishing

Superior finish
can remove the need to power float

No vibration
eliminating vibration reduces noise pollution and improves on-site working conditions

NHBC compliant steel fibre mix option

Can be designed to match customer strength requirements