

# SOLCEM

## Soltard MF

### Environmentally Friendly Formwork Surface Retarder

#### DESCRIPTION

Soltard MF is a transparent aqueous composition with a gel consistency colour tinted to assist application. Soltard MF has been formulated to retard the set of fresh concrete that comes into contact with it. It is ideally suited to the production of exposed aggregate finishes or 'keyed' surfaces for construction joints or for subsequent application of plasters or renders. It is coloured to give a visual indication of where it has been applied.

- Easily applied by brush to all formwork types.
- Water based with no flammable or toxic constituents.
- Single coat application & non-staining.

Colour	Product Code	Size
Blue	SOLTARDMF25	25 litres

#### TYPICAL USES

- To expose natural colour and texture of the coarse aggregate.
- To produce a keyed surface for efficient bonding of subsequent toppings.

#### FEATURES & BENEFITS

- Excellent non-slump properties for application to vertical surface.
- Adheres well to treated surface after water carrier has evaporated.
- Suitable for application to all types of mould and formwork surfaces.
- Weather resistant.

#### APPLICATION

- After long storage period lightly stir Soltard MF to ensure uniform consistency.
- Ensure surface to be treated is clean, dry and free of any deposits.
- When placing concrete take precautions to ensure heavy scouring action does not remove the retarder.

#### PLACING CONCRETE

On horizontal pours the concrete should be placed evenly across the surface. If the concrete is poured from one end only and moved across the face a heavy scouring action results which could remove retarder from the mould face. On vertical pours the mould face should be protected from concrete splashes.

#### STRIPPING MOULDS

In general stripping should be within 1-2 days. For longer periods or where an accelerated method of hardening is adopted tests

should first be made on trial panels to establish the optimum stripping time.

#### REMOVAL OF CEMENT MATRIX

This should be as soon as possible after stripping and generally within 1-2 days after placing concrete. It should be carried out by low pressure water jetting and brooming or wire brushing in two directions at right angles to each other.

#### COVERAGE

3-4 square metres per litre, dependant upon surface texture and porosity.

#### STORAGE

Store in dry conditions at room temperature. Protect from frost and from source of heat. Keep container closed after use.

#### SHELF LIFE

1 year in sealed container.

#### TECHNICAL DATA

Form	Blue Gel
Pack Sizes	25 Litres

#### HEALTH & SAFETY

Soltard MF is non-flammable and is not considered hazardous. If splashes enter the eyes irrigate immediately with copious quantities of clean water. If irritation persists seek medical attention without delay. Hands should be cleaned with soap and water after use.