



ARGOTEC

Technical Mortar

FLUID REPAIRS



EN
13813

CT C50 F9

DESCRIPTION

ARGOTEC FLUID REPAIRS has been formulated with a mix of cements, selected aggregates, polymer resins, fibres and additives, to provide appropriate fluidity, excellent adherence and minimal shrinkage, as well as fast-developing resistance and fast drying.

APPLICATIONS

ARGOTEC FLUID REPAIRS is suitable for general horizontal-concrete repairs, such as:

- Repairing horizontal items.
- Repairing structural parts by pouring into formwork.
- Repairing potholes and faults in concrete flooring.
- Settling for bridge supports.

SUPPORT

Supports should be firm, clean and as rough as possible, free of dust, paint, oil, formwork remover, etc. On particularly absorbent supports epoxy joint primer should be used. Before use, prepare highly deteriorated supports by sandblasting or similar methods to achieve a surface with adequate tensile strength.

METHOD OF USE

1. Mix thoroughly using a low-speed electric mixer, pouring the necessary amount of water into a receptacle and mixing for 2–3 minutes until an even mixture is obtained. Different consistencies can be achieved depending on the application, but we recommend mixing with 17% water (4.25 l/sack).

Concrete pavements and floors:



ARGOTEC

Technical Mortar

FLUID REPAIRS

Pour the mortar onto the support, spreading with a rule or mortarboard. (The mixture practically levels itself.)

Backings and repairs of vertical parts:

Previously fit formwork, then pour **ARGOTEC FLUID REPAIRS**.

PRECAUTIONS

Do not apply onto gypsum-based surfaces.

Do not apply onto supports or parts with poor or zero absorption.

Do not apply at extreme temperatures (below 5 °C or above 35 °C).

Protect from wind and direct sunlight. Take the necessary steps to prevent **ARGOTEC FLUID REPAIRS** from drying out prematurely: plastic film, surface-curing agents, etc.

It is not advisable to mix quantities any larger than can be laid within 15–20 minutes (at 20 °C).

YIELD

The approximate yield is 22 kg/m² when applying a thickness of 10 mm.

PRESENTATION

25 kg sacks (1000 kg pallet).

COLOUR

Grey.

STORAGE

In the original container in a covered area, for up to 12 months.

REFERENCE AND CLASSIFICATION

EN 13813 Modified Polymer C50F0

TECHNICAL DATA

Mixing water approx. (%):	17
Apparent powder density (g/cm ³):	1.5
Apparent paste density (g/cm ³):	2.0
Apparent hard density (g/cm ³):	1.9
Applicable thickness:	5-40
Flow characteristics (mm):	110
Manageability time (mins):	Approx. 20
Adherence to concrete (N/mm ²):	>2.0
Crushing strength (N/mm ²):	
24 hours (N/mm ²):	≥15
72 hours (N/mm ²):	≥30
7 days (N/mm ²):	≥40
28 days (N/mm ²):	≥50
Expansion when fresh (%):	2



ARGOTEC
Technical Mortar

FLUID REPAIRS

Shrinkage (mm/m):	0.10
Time before use by light traffic (hours):	Approx. 24
Time before use by heavy traffic (hours):	Approx. 72
Rendering time (days):	2
Support humidity after 2 days (%):	<3