



The Chemical Company

MEYCO® FIX FLOWCABLE

Modified Polymer Based Anchorage and Installation Mortar Admixture

Description of Product

MEYCO® FIX FLOWCABLE is a powder admixture material that contains modified polymers and is used in preparation of anchorage and installation mortar with its properties like neat consistency, long workability period, easy pumpability, non-segregating, non-contracting, high mechanic and adhesion strengths.

Fields of Application

- In rock bolts,
- In rock anchorages,
- In ground nails,
- In pre-tension and post-tension cabling works.

Features and Benefits

- Minimizes loss in ceiling applications with its special consistency,

- Does not cause contraction,
- Enables good adherence to ground and reinforcement by filling the gaps along anchorage length,
- Enables high adherence to concrete and reinforcement,
- Has high workability period,
- Easy to pump,
- Improves early and final strengths,
- Does not contain chlorine.

Application Procedure

Mixing

Necessary amount of water is poured into a clean mixing container with the help of a scale. **MEYCO® FIX FLOWCABLE** is slowly added to the water and mixed with a 1500 RPM mixer for 3 - 4 minutes until a homogenous and unumpy mixture

Technical Data

Structure of the Material	Modified Polymer Based	
Color	Gray	
Compressive Strength		
6 hours	>3 N/mm ²	
8 hours	>8 N/mm ²	
10 hours	>12 N/mm ²	
24 hours	>30 N/mm ²	
28 days	>70 N/mm ²	
Flexural Strength		MK
1 day	3,8 N/mm ²	
7 days	4,7 N/mm ²	
28 days	5 N/mm ²	
Adhesion Strength (to steel)	~ 2 N/mm ²	
Working Period	>60 minute	
Application Temperature	+5°C - +30°C	
Water Permeability	It is impermeable	
Full Curing Period	28 Days	

The results above are obtained from Cem I 42.5 R cement mortar with 0.25 water/cement ratio. Typical values: Obtained from tests conducted in 4x4x16 cm mortar prism in +23°C, 50% relative humidity conditions.



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is obtained. After adding defined amount of cement to the mixture, it mixed for 3 - 4 minutes and the material is ready to use.

Mixing Ratios

MEYCO® FIX FLOWCABLE	Water	Cement
6 kg	30 - 34 liter	100 kg
Density of Mixture	~ 2,55 kg/liter	

Coverage

Approximately 68 liters of mortar is obtained by mixing 100 kg cement, 6 kg **MEYCO® FIX FLOWCABLE**, and 34 liters of water.

Watchpoints

- **MEYCO® FIX FLOWCABLE** should be applied in 60 minutes, under +20°C.
- Working and reaction time of cement based systems are affected by environment and ground temperature, and relative humidity in the air. Low temperatures slow down the chemical reaction, and increase working period, coating time, and work time. High temperatures accelerate the chemical reaction and times stated above are reduced depending on this. For the material to complete its curing, environment and ground temperatures must not fall down below the minimum allowed value.
- In outer surface applications, the surface has to be protected from sun, wind, frost or rain during the first 24 hours.

Cleaning of Tools

All the tools and equipments must be cleaned by water after the application.

Packaging

15 kg polyethylene reinforced kraft bags.

Storage

Must be stored in unopened original packing, and in cool and dry environment protected from freezing.

Shelf Life

12 months after the production date under appropriate storing conditions.

Health and Safety Precautions

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Due to irritant effects of the non-cured material, avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

Disclaimer

This information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, BASF Yapı Kimyasalları San. A.S. is only responsible from the quality of the product. BASF Yapı Kimyasalları San. A.S. cannot be hold responsible from the results caused by applications of the product not in accordance with the written suggestions of how and where to use the product and/or faulty applications.

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