MAPETARD RCC ME

Liquid retarding admixture with plasticizing effect

ASTM C494 EN 934-2

DESCRIPTION

Mapetard RCC ME is a liquid retarding agent with plasticizing effect which inhibits cementitious grout setting times, to be used in cementitious mixes. The workability maintenance of cementitious mixes admixed with **Mapetard RCC ME** is up to 72 hours after the mix batching.

WHERE TO USE

Mapetard RCC ME is specifically designed for use in cementitious mixes that need long workability. Such retardation to the setting time is often required to offset long transportation times or pumping from the surface, delays in injecting, etc.

TECHNICAL CHARACTERISTICS

Mapetard RCC ME is a water solution able to retard cementitious mixes maintaining mix workability. In addition, the solution assists in reducing the bleed of the grout and decreases the grout viscosity.

RECOMMENDATIONS

Mapetard RCC ME has to be added during the batching, generally as the last ingredient and in any case after water and cement.
It is advised to avoid adding additional admixture after batching as the setting times of the mix can be significantly modified.

LAB TESTING

To optimise the use of **Mapetard RCC ME**, it is advised to contact our technical services department to verify and eventually improve the mix to suit the local conditions of application and the raw materials in the site and the characteristics of the mix used.

COMPATIBILITY WITH OTHER PRODUCTS

Mapetard RCC ME is compatible with all the other products of the **Dynamon**, **Mapefluid,** and **Mapeair** ranges.

DOSAGE

The dosage of **Mapetard RCC ME** depends on the mix composition, in particular on the amount of water and cement present in the mix, and on the final characteristics requested in the mix, such as the workability maintenance period. Generally, the dosage in volume of **Mapetard RCC ME** is between 1 and 6 litres for each cubic metre of mix to be batched.

Different dosages from those suggested must be previously tested through concrete trials, in addition to consulting MAPEI Technical Services Department.

MAPEI®

PACKAGING

Mapetard RCC ME is supplied in bulk, 1000 L IBCs and 25 kg jerrycans.

STORAGE

Mapetard RCC ME can be stored for 2 years in closed containers, protected from frost (temperature > +5°C) and from direct sunlight.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapetard RCC ME is not considered hazardous according to the current regulation regarding the classification of mixtures. We recommend the use of protective gloves and goggles and to take the usual precautions for handling chemicals.
For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

TECHNICAL DATA (typical values)	
PRODUCT IDENTIFICATION	
Consistency:	liquid
Colour:	brown
Density (g/cm³):	1.210 ± 0.03 at +25°C
pH according to ISO 4316:	6.5 ± 1
Classification according to EN 934-2:	set retarding admixture, table 8
Classification according to ASTM C494:	Type B
Chlorides according to EN 934-2:	nil
Alkali content (Na_2O equivalent) according to EN 480-12 (%):	< 7.0

IMPORTANT NOTES

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that installers satisfy themselves that the product and conditions are suitable for the envisaged application. No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification. The installer should ensure that our latest product data and safety information sheets have been consulted prior to use.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

All relevant references for the product are available upon request and from www.mapei.com

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