



## TIMM-CRETE B 57

High activity superplasticiser / water reducing admixture for the Combined System of Admixtures

### Field of Application

Is a high activity superplasticiser / water reducing admixture for the Combined System of Admixtures which permits the manufacture in plants of concrete with a low water/cement ratio, maintenance of consistency and workability, with strong mechanical resistances, an assured laying and improved durability of the structure.

Consult our Technical Department for any application not mentioned in this Technical Data Sheet.

### Properties

- Permits increasing the consistency of the concrete without having to increase the quantity of water.
- Permits the manufacture of concrete with low water/cement ratio which has improved workability.
- Reduces the stickiness of the concrete, even with low quantities of water.
- Improves pumping.
- Maintains prolonged consistency without delayed setting time.
- Improves the finish of the concrete.
- Increases initial and final resistances as well as the durability of the concrete.
- Reduces permeability.

### Properties

- Principal Function: High activity superplasticiser / water reducer.
- Secondary effect: Risk of separation of components at high dosages.
- Physical Aspect: Dark brown liquid.
- Density, 20° C: 1,2 +/- 0,02 g/cm<sup>3</sup>
- pH, 20° C: 5 +/- 1
- Chloride content: ≤ 0,1 %

### Packaging

Is supplied in in bulk, in 220kg drums and 25kg cans.

### Method of Use

The necessary time to ensure complete dispersion of the admixture should be respected. The mix can be carried out in the central mixing plant or in the mixing lorry.

### Dosage

The normal dosage is 0.4% - 0.7% over cement weight. The dosage depends on the consistency and reduction of water required.

Prior tests are recommended in each case to determine the optimum dosage.

### Cleaning of Tools

Tools and equipment soiled by TIMM-CRETE B 57 can be cleaned simply with water, preferably hot.

### Storage/Shelf Life

Store in a cool, dry place at temperatures between + 5° C and + 35° C.

In these conditions TIMM-CRETE B 57 can be kept for up to one year in its original sealed packaging.

### Handling and Transport

The usual preventative measures for handling chemical products should be taken when handling TIMM-CRETE B 57, for example, wear protective gloves and goggles. Wash hands before a break and on finishing work. Do not eat, drink or smoke during its application.

The disposal of the product and its packaging should be done in accordance with current legislation and is the responsibility of the end user.

For additional information, please consult the Safety Data Sheet for this product.

### Important notes

- It is essential that prior tests are carried out before using the product.
- Do not use higher or lower doses than those recommended without first consulting our Technical Department.
- Do not mix with other admixtures without prior consultation.

The technical data given above are statistical findings and do not represent guaranteed minimums. If control values are required, the Sales Specifications may be requested from our Technical Department.

### NOTE:

This Technical Data Sheet is meant to be, as with all other technical information and recommendations, only a description of the characteristics of the product together with its method of use and its applications. The data and information included here is based on our technical knowledge, gathered from the bibliography, laboratory tests and practical use.

Data concerning consumption and dosage which appears in this Technical Data Sheet is based on our own experience, and is therefore susceptible to variations due to the different conditions on various job sites. Consumption and dosage for any particular job site should be determined by tests at the site and are the responsibility of the client.

For additional guidance do not hesitate to contact our Technical Service Department. TIMM CONSTRUCTION PRODUCTS reserves the right to modify the composition of their products, as long as this continues to adhere to the characteristics described in this Technical Data Sheet. Other applications of the product which do not adhere to those indicated here will not be our responsibility.

Our guarantee covers defects in the quality of manufacture of our products and does not cover additional complaints, our only responsibility being to refund the value of the goods supplied. Patent rights and those of third parties should be observed.