# ADVA® Flow 375 (BV/FM)

Plasticizer for concrete acc. to EN 934-2:T2. Superplasticizer for concrete acc. to EN 934-2:T3.1/3.2.

## Product Description

ADVA®Flow 375 (BV/FM) is used as a superplasticizer for the production of high-quality precast elements in fair-faced concrete quality. The product allows to realize concrete with high capable of flow and strong cohesion. After a few hours, the concrete will show excellent strength developments.

## Compatibility

With Cements:

ADVA®Flow 375 (BV/FM) can be used with most types of normal cements. For use with special cements we recommend you to contact GCP Construction Products.

With Other Admixtures:

ADVA®Flow 375 (BV/FM) should not be premixed under any circumstances with other admixtures. The performance of the product will be affected by the presence of other chemicals and we recommend that GCP be consulted in such circumstances.

We recommend that all admixtures be added separately into the mix.

## Method Of Use

ADVA®Flow 375 (BV/FM) is supplied ready for use. When adding ADVA®Flow 375 (BV/FM) in the factory, we recommend the dosage together with the gauging water or much better as the latest component. The mixing time after dosage of the agent depends on the mixing energy, whereas a minimum mixing time of 60 seconds must be followed.

Addition of any other chemical admixture should be undertaken separately.

## Addition Rates

Recommended Dosage:

200mL - 4280 mL per 100 kg cement
0.2%-4.28% (v/w) by wt. of cement

As with most products of this type, the magnitude of the effect obtained with ADVA®Flow 375 (BV/FM) is governed by the quantity of product used, w/c ratio, and the specific nature of the concrete and constituent materials.

It is necessary therefore to assess performance under site conditions using actual materials to determine optimum performance and dosage. For advice and assistance with trials, please consult your local GCP representative.

## Technical Data

| PRODUCT | ADVA® FLOW 375 (BV/FM) |
|---|---|
| Color | Brown |
| Physical form | Liquid |
| Density (g/cm3) | 1.06 (+/-) 0.02 |
| pH-Value | 5.5 (+/-) 1.0 |
| Chloride content (m.-%) | < 0.1 |
| Alkali content (m.-%) | < 1.0 |

## Packaging

ADVA®Flow 375 (BV/FM) is supplied in 205L non-returnable drums. Alternatively, 1,000L totes and bulk deliveries can be arranged.

## Storage

ADVA®Flow 375 (BV/FM) should be stored under shelter and away from extreme cold or heat at all times.

Shelf life in manufacturer's drum is 12 months from date of manufacture. Shelf life in bulk storage is 12 months from date of delivery.

## Safety and Handling

Read and understand the product label and Safety Data Sheet (SDS). All users should acquaint themselves with this information prior to working with the products and follow the precautionary statements. SDSs can be obtained by contacting your local GCP representative or office.



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Last Updated: 2022-11-24
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