

DBM[®] W7

Plasticiser for Semi-Dry Mixes

Product Description

DBM[®]W7 is a liquid admixture, designed for use in semi-dry mixes, specially favoured in the block paving industry. It is formulated from a blend of carefully selected synthetic and natural raw materials, and is manufactured under controlled conditions to give a consistent product.

Typical Properties

DBM W7	
Appearance	dark brown liquid
Specific Gravity	1.10 at 20 °C
Chloride Content	Nil

Advantages

- Improved early age handling
- Allows reduction in cement content
- Improved compaction
- Reduced permeability absorption
- Improved pigmented performance

Compatibility with Cements

DBM W7 can be used with all types of Portland cements including cement replacement materials, fly ash, silica fume, etc.

Compatibility with other Admixtures

DBM W7 should not be premixed under any circumstances with other admixtures. While some admixtures can be usefully combined within the same mix the performance of this product may well be affected by the presence of other chemicals and we recommend that GCP Applied Technologies be contacted for advice in all such circumstances.

Addition Rates

The performance of DBM W7 is best assessed after preliminary trials on site, to determine the optimum dosage and effect on compressive strength, water absorption, etc.

As a guide to these trials, an addition rate of 0.5%–1.0% DBM W7 by weight of cement is recommended.

Effects of Overdosing

Serious overdosing of DBM W7 will generally produce an increase in workability and cohesion of the mix, which could cause slumping particularly within semi-dry mixes.

Dispensing

It is preferable that liquid admixtures for concrete should be introduced into the mixer by means of automatic dispensing equipment. Details are available on request.

Health and Safety

For further information see the DBM W7 SDS (Safety Data Sheet) or consult GCP.

Packaging

DBM[®]W7 is supplied in nominal 210 litre free, non returnable containers.

Alternatively, 1000 litre IBCs or bulk deliveries can be arranged.

Storage

DBM W7 should be stored in original containers or suitable closed tanks, preferably out of direct sunlight and protected from extremes of temperature.

Storage Life in Manufacturer's Drums:

12 months from the date of manufacture

Storage Life in Bulk Storage:

12 months from the date of delivery

Technical Service

The Technical Service Department of GCP is available to assist you in the correct and best use of our products. These resources and advice are at your disposal entirely without obligation. Please contact:

GCP

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