



# BQ-6999

**BQ-6999** is a polymeric dispersion specially developed for soil stabilisation, which can be diluted with water.

When **BQ-6999** is incorporated into the soil, the product forms bonds on a molecular level between the soil molecular level between the soil or aggregate particles.

**BQ-6999** causes a long-lasting structural bonding and cross-linking, which a stable and simultaneously elastic layer is created.

In this way, **BQ-6999** produces a durable and water-resistant substrate.



## APPLICATION

- Higher application rates in combination with a low cement content can produce a much higher soil CBR value.
- **BQ-6999** improves the adhesion, increases flexural strength, increases deformability (optimises modulus of elasticity, increased elongation at break) and increases abrasion resistance.

## PROCESSING

**The product is supplied in 1000 kg disposable IBC containers.**

- **BQ-6999** can be added to the water to achieve the optimum water content.
- **BQ-6999** can be installed with standard industry equipment during soil preparation BQ-6999 is sprayed into the milling chamber. (mixed-in-place method)
- Processing is possible from as low as 4 °C.



[www.h2bq.ae](http://www.h2bq.ae)

H2BQ General Trading FZE  
[roshan.chacko@h2bq.ae](mailto:roshan.chacko@h2bq.ae)

RAK Free Trade Zone  
P O Box 54651, RAK, U.A.E.

Phone +971 558850262





# H2BQ BQ-6999



Stabilization of desert sand



Stabilization of rural roads



From simple paths up to motorways

## INFO

In case **BQ-6999** is used in applications other than those applications mentioned, the selection, processing and use is the sole responsibility of the purchaser of **BQ-6999**.

All legal and other regulations must be observed.

## STORAGE

If **BQ-6999** is stored in tanks, appropriate storage conditions must be observed. In the case of cool storage (below 25 °C, but frost-free) in the unopened original containers, **BQ-6999** has a shelf life of six months from the date of delivery.

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When stored in tanks, to avoid microbial contamination, dispersion should be modified with a preservative. In addition, the tanks should be properly cleaned before. In storage tanks where the product is not stirred, it is advisable to cover the surface of the dispersion with 1 – 2 cm of water to which a preservative has been added. This prevents skin formation and microbial contamination. When storing in silos, it is important that the air sucked into the silo when emptying the product is also kept free of germs.

## SAFETY INSTRUCTIONS

**Comprehensive instructions are given in the corresponding safety data sheets. These are available on request from the supplier.**

## CHARACTERISTICS

Product data	Specification method	Value
Solid content	DIN EN ISO 3251	45 - 50 %
Viscosity, dynamic	DIN EN ISO 2555	200 - 1000 mPa.s
Ph-value		5 - 7
Typical general characteristics	Inspection method	Value
Density	ISO 2811	1,05 – 1,08 g/cm³
Appearance		milky-opaque



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