

CONCRETE HARDENING ACCELERATOR HEUCO-HA 07

Technical Data Sheet

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PRODUCT DESCRIPTION

HEUCO-HA 07 is high performance alkali free set accelerator for sprayed concrete. It is a liquid admixture whose dosage can be varied to the desired setting and hardening times.

FIELDS OF APPLICATION

HEUCO-HA 07 is suitable for all applications, where exceptionally high early strength, good final strength and extremely thick layers are required.

- Temporary and permanent rock support in tunnels
- Rock support in mining
- In poor ground conditions
- Slope stabilization
- Also suitable for acceleration of cementitious grouts, such as used in TBM tunnel linings, cement ground injection and foam concrete backfill Operations.
- To increase strength of concrete for residential buildings.

FEATURES AND BENEFITS

HEUCO-HA 07 is ideally suited for wet mix sprayed concrete for rock support, because:

- The quick setting property allows : Rapid work progress and ability to construct thick sprayed concrete linings via layered application during one construction sequence.
- The unique product formulation provides extremely fast setting coupled with continual early - age strength development. Good long term strength and durability are also achieved.
- HEUCO-HA 07 is a liquid product and thus provides easy handling as well as facilitating accurate addition to the concrete
- Very low dust production and therefore a good working environment.
- Since the product is non-aggressive it provides Improved working safety, reduced environmental impact and lower handling costs.

SAFETY PRECAUTIONS

HEUCO-HA 07 contains no hazardous substances requiring labeling. However, the same precautions as with handling and use of cementitious products should be observed:

Avoid eye and skin contact and wear rubber gloves and goggles. If contact occurs, rinse with plenty of water. In case of eye contact seek medical advice.

For further information, refer to the Material Safety Data Sheet or contact product safety department of HEUBACH COLOUR PVT LTD.

TECHNICAL DATA

Form	Liquid
Colour	Colourless to pale yellow
Density (+20° C)	1.4±0.1gm/ml
pH value (1:1 water solution)	2.6±0.5
Viscosity	>200 mPa.s
Thermal stability	+5° C to +55° C
Chloride content	<0.1%
[Na ₂ O] EQV. (% bw)	<1%

¹⁾ Brookfield, +20° C. Viscosity is dependent on degree of product agitation and temperature.

STORAGE

HEUCO-HA 07 must be stored under roof at room temperature.

HEUCO-HA 07 has to be kept in closed containers made of plastic, glass fibre plastic or stainless steel.

HEUCO-HA 07 must not be stored in normal steel containers as the PH can cause corrosion that might affect the performance of the product.

After prolonged storage be recommended that HEUCO-HA 07 be always fully agitated prior to use by mechanical / manual stirring or re-circulation pumping.

If stored in tightly closed original containers under the above given conditions, HEUCO-HA 07 have a shelf life of 3 months.

It is recommended that HEUBACH representative consulted prior to the use of any product that has been frozen.

Performance testing should always be carried out before use.

PACKAGING

HEUCO-HA 07 is supplied in 50 liter drums, 1000 liter containers or in bulk

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