



KEMA EXPAND

Powdered chemical admixture for shrinking compensation and plasticizing

- ▶ Shrinkage compensation
- ▶ Increase of plasticity and flow ability of mortars
- ▶ Contains no chlorides and hazardous admixtures



PRODUCT DESCRIPTION

FIELD OF USE For preparation of mortars, cement injection suspensions or concretes, where shrinking has to be compensated. At the same time it reduces the amount of water, thus considerably improving plasticity or pourability of mortars and concretes.

- PRODUCT PROPERTIES**
- Shrinkage compensation
 - Increase of plasticity and flow ability of mortars
 - Contains no chlorides and hazardous admixtures

PRODUCT DATA

BASIC INFORMATION

Appearance Grey powder

Packing 5 kg in bag / 25 kg (5x5 kg) in box / 750 kg (30x25 kg) on pallet

Storage and expiration date 12 months from the day of manufacture when stored properly in dry place and in the original, sealed and undamaged packaging. Manufacture date is stamped on the packaging.

INSTRUCTIONS FOR USE

CONSUMPTION 0,3–2 % on weight of cement for mortars/compounds 2 %

MIX TIME KEMA EXPAND is added into mortar mixture. Follow the instruction of preparation the mortar mixture.

MIX TOOL Use electric drill or mixture.

CLEANING OF TOOL Clean tools immediately after the use. Hardened material on tools can only be removed mechanically.

LIMITATIONS

BASE TEMPERATURE +5°C min./ +30°C max.

AIR TEMPERATURE +5°C min./ +30°C max.

MATERIAL TEMPERATURE +5°C min./ +30°C max.

- WARNINGS**
- We recommended previous analyses about dosage and composition of final mix.
 - Protect freshly installed material from freezing, rain and other bad weather conditions. The material should not be used at (surface, air, material) temperatures lower than 5°C.

Recommendation: Remains of unhardened/unset material had to be removed in accordance with the legislation.

Data source: All technical data in this technical sheet were given on the basis of laboratory research. Actually measured data may deviate depending on circumstances during the use on which we cannot influence.

Local restrictions: We emphasise that due to specific local regulations reaction of the installed product may be different from country to country. Therefore for the exact description of the use demand the technical sheet for that country.

SAFETY DATA

More data on storage, handling and use of mix are available in the safety sheet, which contains safety, toxicological and ecological data, and also pay attention to the warnings on the original packaging.

LEGAL BASE

Information and special recommendations related to consumption and final use of Kema's products were provided in a belief which is based on our knowledge and experience with the products, if they are properly stored, if they are properly handled, and if they are used in normal conditions. In practice, differences between materials, surfaces and actual conditions on building sites are such that from this information or any written recommendations or from any other given advice, we cannot guarantee marketability or adequacy for a particular purpose and we cannot take any responsibility arising from any legal relationship. Ownership rights have to be respected. All orders are subordinate to our current sales and supply conditions. Users should always review the most recent issue of the technical sheet for the product in question, a copy of which is supplied on demand.