

Ekan® HZ-40

Accelerating admixture for concrete



Precast Admixtures
Setting Accelerators



T.7

CHARACTERISTICS

EKAN® HZ 40 accelerates cement hydration and speeds up concrete hardening. It promotes hydration over a wider surface area and more uniformly, significantly increasing compressive strength.

EKAN® HZ 40 is effective in reducing the risk of crack formation.

EKAN® HZ 40 is a set accelerator for concrete based on water-soluble organic and mineral salts. It particularly protects concrete from freezing in severe cold conditions.

EKAN® HZ 40 does not have a water-reducing effect.

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (except aluminous cement)
- Ready-mix concrete
- Reinforced concrete
- Non-reinforced concrete
- Pumped concrete

Application

Dosage: 0.5 kg – 2.0 kg per 100 kg of cement. EKAN® HZ 40 is completely soluble in water. For best performance, it is recommended to add the product to the second half of the mixing water. The optimal dosage should be established after local tests on the desired mechanical properties of the concrete and the workability of the mix. For further information, contact EKAN's technical sales personnel.

TECHNICAL DATA

Appearance: Homogeneous

Color: Light brown

Density: 1.150 ± 0.03 kg/l

pH: 7.00 ± 1.5

CERTIFICATIONS



14001 : 2015



45001 : 2018



9001 : 2015



EN 934-2

PRECAUTIONS

The shelf life of EKAN® HZ 40 is 12 months when stored in its original packaging in a dry environment and protected from direct sunlight.

After a long period of inactivity, shake/mix the product or use a circulation pump to homogenize it before use.

After a freeze/thaw cycle, mix the product before use.

Avoid contact with eyes and skin.

Detailed health and safety information is available in the Material Safety Data Sheet (MSDS).