

Ekan® SMART 1251 W

Mixing water reducer and plasticizing additive for the winter season



Ready-Mix Concrete Admixtures
Standard Plasticizers



CHARACTERISTICS

EKAN® SMART 1251-W is a mid-range water-reducing plasticizer.

EKAN® SMART 1251-W is used in various climatic conditions when concrete homogeneity, pumpability, and workability are desired. It facilitates easy concrete pouring while improving its mechanical properties.

Furthermore, **EKAN® SMART 1251-W** contributes to the impermeability of the concrete to some extent by reducing the water/cement ratio.

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (except for aluminous cement)
- Ready-mix concrete
- Reinforced concrete
- Unreinforced concrete
- Pumped concrete

Application

Dosage: 0.5 kg – 1.5 kg per 100 kg of cement.

EKAN® SMART 1251-W is completely water-soluble. For best performance, it is recommended to add the product to the second half of the mixing water.

The optimal dosage of **EKAN® SMART 1251-W** should be determined after local testing of the desired mechanical properties of the cement and the workability of the mix.

For more information, please contact **EKAN** technical sales staff.

TECHNICAL DATA

Appearance: Homogeneous

Color: Brown

Density: 1.14 ± 0.03 kg/l

pH: 6.00 ± 1.5

CERTIFICATIONS



14001 : 2015



45001 : 2018



9001 : 2015



EN 934-2

PRECAUTIONS

The shelf life of EKAN® SMART 1251-W is 12 months when stored in its original packaging in a dry environment protected from direct sunlight.

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

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

Avoid contact with eyes and skin.

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