

Ekan® PLAST 1806

Water-reducing plasticizing additive specifically for precast lightweight concrete



Precast Admixtures
Standard Plasticizers



CHARACTERISTICS

EKAN® PLAST 1806 is a mid-range water reducer and plasticizing additive.

EKAN® PLAST 1806 improves the rheological properties of concrete, enhancing its workability.

EKAN® PLAST 1806 helps increase production capacity by shortening mold stripping time.

Furthermore, **EKAN® PLAST 1806** contributes to the impermeability and strength of concrete by reducing the water/cement ratio.

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (except aluminous cement)
- Paving stones
- Road curbs
- Concrete pipes
- Concrete wall elements

Application

Dosage: 0.5 kg – 1.6 kg per 100 kg of cement. **EKAN® PLAST 1806** 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 should be determined after local tests on the desired mechanical properties of the concrete and the workability of the mixture. For further details, please contact EKAN technical sales staff.

TECHNICAL DATA

Appearance: Homogeneous

Color: Light brown

Density: 1.05 ± 0.03 kg/l

pH: 6.50 ± 1.5

CERTIFICATIONS



14001 : 2015



45001 : 2018



9001 : 2015



EN 934-2

PRECAUTIONS

The shelf life of EKAN® PLAST 1806 is 12 months when stored in its original packaging in a dry environment protected from direct sunlight.

After a long period of inactivity, shake/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).