

Ekan® VM 10

Viscosity modifying agent for self-compacting concrete production



Auxiliary Products for Concrete
For Self-Compacting Concrete

T.13

CHARACTERISTICS

EKAN® VM 10 provides internal cohesion, plasticity, and flexibility within the concrete and is effective even when used in small doses. **EKAN® VM 10** does not affect the setting time.

The use of **EKAN® VM 10** makes the concrete mix less vulnerable to variations in water demand, while preventing segregation and bleeding.

EKAN® VM 10 should not be used with naphthalene sulfate-based products.

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (all EN 197 types)
- Self-compacting concrete (SCC)
- Concrete with silica fume, fly ash, and slag
- Mixes where higher viscosity and stability are required

Application

Dosage: 0.10 kg – 0.50 kg per 100 kg of cement.

EKAN® VM 10 should preferably be added to the mixing water or after the addition of the final water fraction, continuing mixing until complete homogenization. The optimal dosage should be determined through local testing based on the required rheology and the potential use of superplasticizers.

TECHNICAL DATA

Appearance: Homogeneous

Color: Brown

Density: 1.08 ± 0.03 kg/L

pH: 6.00 ± 1.5

CERTIFICATIONS



14001 : 2015



45001 : 2018



9001 : 2015

PRECAUTIONS

The shelf life of EKAN® VM 10 is 12 months when stored in its original packaging, in a dry place and protected from direct sunlight.

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

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

Avoid contact with eyes and skin.

Consult the Material Safety Data Sheet (MSDS) for complete health and safety information.