

Water Impermeability Admixture EN 934-2 Table.9

Product Description

EKAN®HYDRA 75 water impermeability admixture, enhancing the water impermeability of concrete against capillary absorption. It has a limited air entraining impact on the concrete, and also improves strength and the durability.

EKAN®HYDRA 75 improves concrete quality by reducing the water/cement ratio for a given degree of workability.

EKAN®HYDRA 75 improves finish, placement and pumpability of concrete.

EKAN®HYDRA 75 has also a plasticizing effect on fresh concrete. It restricts and reduces the amount of segregation and even concrete bleeding.

Technical Data

- Appearance: Homogeneous
- Colour: Brown
- Density: 1,09 ±0,03 kg/L
- pH: 5.00 ±1.5
- Solid content: 20,00 ±5%
- Cl⁻ ion content: < 0,1%
- Alkali content: < 6%

Packaging

- Bulk
- Plastic Can: 25 L
- Barrel: 215 L
- Plastic Tank: 1000 L

Application Guidelines

Area of Use

- All types of cement
- Slab-on-grade and industrial floors
- Concrete likely to be exposed to significant water pressure
- Raft foundations and its concrete walls
- Concrete water purification facilities
- Roof and terrace slabs

Application

Dosage: 0,2 kg – 1,2 kg per 100 kg cement.
Recommended dosage is 1% per cement.

EKAN®HYDRA 75 can be added at the concrete plant or on the job site. In case of addition in a mixing truck, it is recommended that the concrete be mixed at high speed (requires 1 min. turn per 1 m³ of concrete).

EKAN®HYDRA 75 is fully water-soluble. For best performance, it is recommended to add the product to the second half of the mixture water.

For detailed information please contact with EKAN sales representatives.

Measures

- **EKAN®HYDRA 75's** shelf life is 12 months when stored in its original package in a dry place away from direct sunlight.
- After a long idle period, shake, mix the product or use a circulation pump to homogenize it before use.
- After a freezing-thawing 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).
-