

UNIVER QA-2500

Alkali-free liquid set accelerator for sprayed concrete

Description

UNIVER QA-2500 is a high performance alkali free liquid set accelerator which exhibits excellent initial strengths with no declining of long term strengths as well as less level of small particle dusts production thereby lowering hazardous effects to human.

Use

- Most of all sprayable concrete constructions
- Rock wall, slope protection.
- Mine system.
- Other sprayable concrete.



Highway / Subway / High-speed railway tunnel construction and Mine developing system



Excavated slope reinforcement / Waterway tunnel / Swimming pool and pond construction or Underground storage

Features

- High early strength and excellent long term strength.
- Low dust production during application.
- Makes prompt congelation, solidification.
- Raises the compressive strength by use of refined raw materials.
- Low rate of rebound loss.
- Non chloride, no corrosion on reinforced rods.

Technical data

Test Items	Specification
Appearance	White suspension discoloration
Specific gravity (20℃)	1.47±0.15 g/ml
Ph value	3 ± 1
Na ₂ O EQV	< 1.0%
Dosage	C × 3-10%

UNIVER QA-2500

Alkali-free liquid set accelerator for sprayed concrete

Application

- UNIVER QA-2500 should be injected by compressed air.
- Injections are to be made by hose and air pressure adjusting pressure controller for continuous mixture.
- It is advisable that utilizing our superplasticizer UNIVER - PC will efficiently help lowering W/C and smooth pumping.
- Ideal concrete temperature prior to application is 15 °C.
- Applicability test is recommended prior to application since the quality of cement varies depending on different types in each country.

Caution

- Be careful not to breath it in and let it contact with skin.
- Keep storing tank warm as viscosity gets higher when temperature is low.
- Do not mix with other accelerators.
- It is acidic, avoid direct contact with ion.
- Do not use filtering systems
- For further information, see the Material Safety Data Sheet.

Storage

- UNIVER QA-2500 has a shelf life of 6 months when stored in sealed original containers and at a temperature between 10 °C and 35 °C
- The color and material properties can change due to the change of the preservation temperature, but there is no effect on the quality.

Packing

- UNIVER QA-2500 is available in 200L PE drums and 1000L IBC tanks.



The information given in this bulletin is to the best of our knowledge accurate. It is intended to be helpful but no warranty is expressed or implied regarding the accuracy of such data. This is a chemical product developed and produced for industrial use. It is strictly requested not to use this product(s) to the application to be taken into human body.

Head office : 101-911, Chunuitechnopark, 200-1, Chunui-Dong, Wonmi-Gu, Bucheon-city, Kyunggi-Do,
420-857, Korea

TEL : 82-32-613-4211~2 FAX : 82-32-613-4213 C.P : 82-17-268-4122 e-mail: juno4122@jncgt.com