

UnderTech AF S1

Alkali-free adhesive for shot-crete



DESCRIPTION

UnderTech AF S1 is a liquid mixture for accelerating bonding to shot-crete concretes.

FIELD OF APPLICATION

- Surface applications in tunnels.
- Stabilization of rock and slope.
- Underground concreting.

ADVANTAGES

UnderTech AF S1 Can be used on all types of sprayed concrete. The acceleration effect of UnderTech AF S1 depends on the type, dose and age of the cement, the surface temperature, the thickness of the layers and the process and spraying equipment.

- Early resistance
- Increases the adhesion between rock and concrete, facilitates applications at height.
- When we have the correct angle and distance we have a small amount of return from spraying the concrete.
- To create a safe working environment, minimizing environmental impacts and reducing operating costs.
- Does not contain chlorine.

USE

- UnderTech AF S1, The dose for single layer coatings up to 20 cm thick is between 3% and 9% of the binder weight.
- The proper dose should be determined by preliminary tests

STANDARDS

- UnderTech AF S1: EN 934-5 Table 2

ASTM C 1141 Type II

STORAGE CONDITIONS AND PACKAGING

- The minimum storage temperature should be +5 ° C maximum +35. C. (The optimum storage temperature is +20. C).
- Should be stored in containers made of plastic or stainless steel.
- Cannot be stored in a container with normal iron.
- In case of storage in large volume tanks, the circulation system is required.
- After long-term storage or transportation of the material, mechanical mixing or by means of a pump is recommended.
- In tightly closed IBC tanks the shelf life is 6 months, With periodic mixing this time can be extended.

COMPATIBILITY

UnderTech AF S1 is compatible with, SuperTech, HyperTech. Please contact TechnoChem technical support for compliance with other contributions.

UnderTech AF S1, Can be used with all types of cement that comply with EN 197-1 standard. It is recommended to contact TechnoChem technical support unit for use in special types of cement

SAFETY INFORMATION

The additive must be kept away from the skin and eyes. In case of any contact, it must be washed with water. When contacted with eyes one must immediately rinse it with water and medical support must be taken. Protective goggles / gloves / mask should be used during the usage of the admixture.

The Material Safety Data Sheet (MSDS) should be read for detailed information.

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