



Roka Surface Set

High Performance Surface Retarder

Roka Surface Set is a solution of concrete retarding chemicals and conditioners used to inhibit the setting of the top most layer of the concrete while the remainder of the concrete cures normally.

Uses & Advantages:

- Allows the removal of top layer of freshly laid concrete to reveal the natural colors of the various aggregates.
- Easily biodegradable.
- Free of VOCs.

Areas of Application:

Roka Surface Set can be applied using a brush/roller or spray on fresh, finish concrete to inhibit the setting time of the top layer while the rest of the concrete is allowed to cure normally.

The level of depth and etch depends on the characteristics of the concrete mix. These characteristics include:

Type of Cement: Due to slower setting time, Type 1 and Type 2 cements are likely to produce a deeper etch as compared to Type 3 cement.



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Slump: Fluid mixes are likely to produce deeper etch as compared to stiff mixes.

Water to Cement Ratio: Segregation adversely affects the appearance of the retarded surfaces.

Dosage:

It is recommended to run trial mixes, duplicating all job conditions and using a sample area of at least 0.2 m² to ensure desired results.

Direction for Use:

Thoroughly mix Roka Surface Set before application. Once the surface has been screeded and surface water disappears, immediately apply the retarder using a brush/roller or spray in a uniform manner.

The surface material should be removed within 8 to 24 hours when the base layer has hardened sufficiently. Always, test a small area to ensure adequate hardening of the panel. If the depth of the etch is greater than the desired level, allow the panel to cure a little longer before exposing the aggregate to the desired level.

Remarks:

- Do not dilute.
- Extreme temperatures may affect the setting times and retardation of the concrete surface.



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Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

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