



TINTAFORTE Glaze

semi-opaque silicate glaze for exposed concrete

Description	<p>Tintaforte Glaze is supplied in 2 components, thick paint and thinner, to be mixed before use. The paint is composed of: potassium silicate in aqueous solution, inerts, pigments, additives.</p> <p>The thinner has a similar composition, but does not contain inert materials; it is used both to dilute paint, replacing water, and as a fixative for concrete supports</p> <p>Tintaforte Glaze thick paint has a similar composition to the Tintaforte thick paint, but is less opaque.</p>		
	organic compounds.		< 5%
	specific weight	thinner/fixative	1,04-1,05
		paint	1,42-1,46
	pH		11,5-12,5
	thinning	thinner/fixative	do not dilute if used as a paint thinner
			dilute with water, if necessary, if used as a fixative
		paint	dilute with thinner/fixative
	Washing for equipment		water
Caratteristiche	steam diffusion μ		< 15
	environmental classification		A+
	waterproof coefficient w (DIN 52617)		0,14 kg/m ² /24 ^{0,5}
	Tintaforte does not emit environmental pollutants, is very permeable to vapor and does not alter the hygrometric balance of old walls. It is non-flammable and does not fear microorganisms or mould		
Safety	Even if the materials are not subject to labeling requirements, take into account the fact that, containing potassium silicate, they are irritating to the eyes and skin. In handling and use protect eyes and skin.		
Storage	1 year in the original packaging if stored between +5°C and +40°C		
Supports	Tintaforte Glaze is applied on exposed concrete or on other cement-based substrates whose material appearance is to be maintained. To apply it is necessary that the setting of the cement is complete and that the supports are solid and homogeneous in hardness and absorption. Before application, clean the surface perfectly and repair any irregularities. Consider that Tintaforte Glaze is semi-transparent and any stains or irregularities would remain visible.		
Laying rules	<p>Apply between +5°C and +35°C, away from bad weather or excessive sun. Keep in mind that these conditions must remain for the hardening period of the material.</p> <p>Do not use products from different batches on the same wall..</p> <p><u>Note:</u> Silicate attacks glass, ceramics and metals; mask these materials before application.</p>		
Laying	<p>Apply one or more coats of primer/thinner, so as to make the absorption of the support homogeneous. After drying, dilute the base paint with the diluting primer, according to the desired effect. This dilution does not reduce the resistance of the material but only its coverage, so the dilution ratio is free. The most used mixtures include a base paint:primer ratio between 1:3 and 1:6.</p> <p>Apply with a rectangular brush, kept well 'charged' to avoid flashing. To obtain good protection, two coats of paint are recommended. Consider that each coat increases the covering effect of the treatment; To evaluate the final result, carry out tests on site.</p>		
	Interval between 2 coats		10-12 hours
Yeld	primer/thinner	as primer	12-13 m ² /lt/coat
	base paint + thinner mixture		9-10 m ² /lt/coat
	N.B. Yields vary depending on the absorption of the support. For a precise evaluation, carry out tests on the construction site		

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