



TINTAFORTE

silicate paint, for exterior and interior, available in various grain sizes

Description	Tintaforte 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.		
	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		
	organic compounds.		< 5%
	specific weight	thinner/fixative	1,04-1,05
	paint		1,45-1,50
	pH		11,5-12
	thinning	thinner/fixative	do not dilute if used as a paint thinner
		paint	dilute with water, if necessary, only if used as a fixative
			dilute only with thinner/fixative
			(1 liter of thinner/fixative for every 3 liters of base paint)
	Cleaning of tools		water
Characteristics	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	On slightly rough, healthy, dry, homogeneous hardness and absorption cement-based mineral supports, apply a coat of thinner/fixative before applying the paint. On surfaces of a different nature or uneven due to absorption due to patches or differences in material, on old solid and adherent water-based paints, on prefabricated buildings (cleaned of any disarming oils), on plaster (pre-treated, if necessary, with a fixative), pass first Fixaquarz or Silofix.		
Laying rules	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. Do not use products from different batches on the same wall. <u>Note:</u> Silicate attacks glass, ceramics and metals; mask these materials before application.		
Laying	Dilute and apply with a rectangular brush, kept well 'charged' to avoid flashing. Pass two coats crossing. To glaze, apply a very diluted final coat. Wash tools with water immediately after use.		
	dilution for painting		add 20-30% thinner/fixative
	dilution for glazing		add 200-400% thinner/fixative
	intervallo tra due passate		10-12 ore
Yield	thinner/fixative as fixative on cement ground		12-13 m ² /lt/coat
	smooth paint	mixture 75% base paint + 25% thinner	9-10 m ² /lt/coat
	rough paint	mixture 75% base paint + 25% thinner	7,5-8,5 m ² /lt/coat

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