

**Silicate-based paint.**

Water absorption **W24**: 0.416 kg/sq m.vh

Equivalent air thickness **Sd**: 0.013 m

Water vapour permeability **V**: 67.2 g/sq m.h

Water vapour permeability coefficient  $\mu$  : 56

The properties of the **Silicate-based paint** are well within the limits of standard DIN 4108.3, which determines:

**W24 < 0.5 ; Sd < 2 m ; W24 x Sd < 0.1**

**Coating System**

SUITABLE PLASTER

(new, hardened, dry and clean)

- . Common lime plaster
- . Hydraulic lime plaster
- . Lime-cement coating
- . Cementitious plaster

Gypsum plaster is not considered suitable.

SURFACE PREPARATION

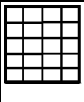
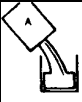



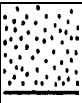





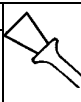


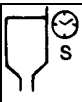




- . **Suitable plaster**: treat with a coat of **Morgan's Silicate-based Fixative-Thinner** thinned in the ratio 1:2 with water.
- . **Substrates with a discontinuous structure and patchy colours or absorption**: brush on a coat of **Morgan's Silicate-based Fixative-Thinner** thinned in the ratio 1:2 with water; once dry, brush on a coat of **Morgan's Silicate-based Pigmented Filler-Primer** (see relevant technical sheets).
- . **Surfaces with old coats**: eliminate old coats, avoiding use of paint strippers.
- . **Reinforced concrete**: remember that whilst featuring good adhesion, the high breathability levels typical of all Silicate coverings mean they do not provide a secure and effective barrier against the passage of CO<sub>2</sub>, and hence cannot be used to impede concrete carbonating and rusting of reinforcement bars reliably.

**APPLICATION**

Apply two coats of **Morgan's Fine Quartz Silicate-based Paint A 1**, preferably brushing it on or using a bristle roller, thinning at max. 20% with deionized water or with the relevant **Morgan's Silicate-based Fixative-Thinner** as such.

**WARNINGS**

Do not apply when temperature of the air, substrate or product is below +5°C. Do not apply on surfaces that are warm, exposed to sunlight or with relative humidity over 80%. Keep product in tightly sealed tin, at a temperature in the range +5 °C/+35 °C.

Theoretical spreading rate Per coat sq m/l 10-14		Thinner water		Equipment cleaning water		Roller application YES	
Appearance and finish mat		Dust dry		Specific weight kg/l 1.46		Brush application YES (recommended)	
Colours White and Progress Tonatone		Touch dry after 5 hours		Solids by volume 38.70%		Knife application NO	
Exterior / interior use YES/YES		Through drying after 12 hours		Viscosity =		Application air assisted spraying NO	
Shelf life 12 months		Overcoating interval 12 hours		Flash point =			

As conditions and feasibility of use may be influenced by external factors beyond the manufacturer's control, the Company declines all responsibility for results.

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