



TECHNICAL DATA SHEET

MAIAQUARZ

GENERAL DESCRIPTION: Acrylic waterborne paint for exteriors based on very fine quartz flour, micronised carbonates, and mineral oxides. Excellent weathering resistance.

FIELDS OF APPLICATION: Suitable for outdoor use, both as a finish and as a primer for the application of high-thickness plastic coatings.

TYPES OF SUBSTRATE: Newly applied cement plaster finishes and old paints that are still well anchored.

BINDER: Acrylic copolymer

SPECIFIC WEIGHT: 1.65 kg/l +/- 0.05 kg/l at the moment of packaging

DRY RESIDUE BY WEIGHT: 75% +/- 1%

BROOKFIELD VISCOSITY: 25,000 ± 2,000

PH VALUE

AT THE MOMENT OF PACKAGING: Approx. 9

POINT OF WHITE: Approx. Y 86.1

DRY RESIN %

BY TOTAL DRY WEIGHT: 10%

EN 1062- 1 CLASSIFICATION:

Classification by end use: Decoration and protection

Coverage degree: Δ0.9

Cleaning resistance (DIN 53778): >10,000 cycles

Vapour diffusion resistance factor (DIN 52615): $\mu = \text{approx. } 1,100$

Equivalent air layer (DIN 18550): $Sd = \mu \cdot s = 0.33 \text{ m}$

Water absorption coefficient (DIN 52617): $w = 0.08 \text{ kg} / (\text{m}^2 \cdot \text{h}^{1/2})$

$Sd \cdot w$: $0.026 \text{ kg} / (\text{m} \cdot \text{h}^{1/2})$

APPLICATION: Brush, roller

DILUTION: Approx. 20/30% by volume

THINNER: Water



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YIELD (*):	5-6 m ² /l per coat
DRYING AT 20 °C:	Approx. 12 hours
OVERCOATABILITY:	At least 6 hours after the first coat
SUBSTRATE PREPARATION:	<u>Newly applied plaster:</u> wait until the substrate is fully cured, brush to remove any loose plaster particles, and finally apply a coat of fixative. <u>Old paint:</u> mechanically remove any easily detachable old paint layer. Fill any damaged areas, apply a fixative if necessary to consolidate the surface, and then finish with two coats of MAIAQUARZ.
STORAGE:	Store in original sealed containers at temperatures between +5 and +40 °C. THE PRODUCT IS SUSCEPTIBLE TO FREEZING DAMAGE.
DRUM SIZES:	2.5/5/14 litres
COLOUR:	White and light colours
ENVIRONMENT RELATIVE HUMIDITY UNDER	80%
SUBSTRATE RELATIVE HUMIDITY UNDER	10%
WARNINGS:	Only apply on cured and dry plaster. Do not apply on façades in full sun or strong wind. Do not apply at temperatures below +5 °C or in high humidity. Protect the treated surfaces from direct rain for at least 48 hours. Avoid application on the same façade at different times or, if necessary, stop at edges or joints.
SAFETY INFORMATION:	The product contains CIT/MIT preservatives, which can cause an allergic reaction. Please read the product safety data sheet before use.

CLASSIFICATION UNDER DIRECTIVE 2004/42/EC (VOC content):

EU VOC limit value (cat A/c) under Directive 2004/42/EC: 40 g/l (2010). This product contains a maximum of 40 g/l VOC.

** The product's yield can vary depending on the type and condition of the substrate and should be always tested on-site.*

** The classification was carried out with white. Coloured finishes may deviate slightly from the reported values.*

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