

P113 – QUARTZ TEXTURE

Quartz finishing coating for exteriors with high water vapour permeability

1) GENERAL INFO and PURPOSES

This coating is a smooth coating with matt effect. Mainly composed of a terpolymer resin which acts as a binder, it contains different sized hard aggregates such as mica, silica, quartz and granite, selected pigments, special additives that guarantee a perfect adhesion.

It is ideal to keep exterior surfaces water repellent for longer and to give surfaces a smooth, decorative matt look and keeps them looking clean for many years. **Quartz texture** is particularly suitable for use in industrial areas where the atmosphere is more corrosive or along the coast where there is greater need for protection against salt.

2) CHARACTERISTICS and CLASSIFICATION

characteristic	reference	std reference	norm
white point	optimal L 95,18; a - 0,75; b + 2,02		Full coverage Spectro-photometer reading
hiding power	optimal Y=99,75 %	optimal if > 98 %	UNICHIM 1631
dirt pick-up	very low $\Delta L=0,3$	very low if $\Delta L \leq 3$	UNI 10792
water vapor permeability	high V1 (220 gr/m ² 24 hours)	high > 150 g/m ² 24 h	UNI EN ISO 7783-2
filmability at low temperatures	good at +5°C		UNI 10793
wash resistance	optimal		UNI 10560
film aspect	matt		UNI 9389

3) APPLICATION INSTRUCTIONS

3.1 Working and substrate conditions

Prior to use surfaces should be sound and dry. **Quartz texture** can be applied to the following surfaces after adequate preparation:

- plasters

- architectural concrete
- building boards
- bricks
- galvanized sheets
- old paints (lime, washable, oil, etc.)
- previously painted surfaces (whitewash, washable, oil etc.)
- silicate of alumina-based concrete
- **Quartz texture** is also used for decorating and protecting non pedestrian bituminous surfaces from the sun.

Working and substrate temperature: minimum +5°C – maximum +35°C

Air relative humidity: maximum 65%.

3.2 Instructions for use

Prepare scaffolding so as to allow continuous application until architectural impediments are encountered (stringcourses, corners, joints, etc.)

- surfaces should be cleaned and loose material removed
- in case is required a basecoat with hiding properties, apply one coat of acrisilane fiber reinforced and pigmented basecoat **Fibrobase 130** diluted with 50% water by volume of a color similar to the one of the coating to be applied.
- in presence of microcracks or surface irregularities, apply one coat of acrisilane fiber reinforced pigmented undercoat **Fibrobase 300** diluted with 10% water by volume of a color similar to the one of the coating to be applied.
- apply two coats of **Quartz texture**, after applying the first coat (diluted with 10% water) with brush, leave for at least 12 hours and then apply the second coat (pure) with roller.
- do not apply **Quartz texture** to bricks with evident signs of saltpeter or dampness.
- clean tools with water immediately after use.

3.3 Coverage

The spreading rate is usually 4-5 m²/l (160 sq. ft./gal) for two coats but it can vary depending on the kind of surface and the absorption rate.

4) FURTHER TECHNICAL INFORMATION

- do not apply in rainy weather, when temperatures are below 7°C (44°F) and never on surfaces either frozen or overheated by the sun.
- do not apply in case of relative humidity >80%.
- store **Quartz texture** in its original container at temperatures ranging from 5°C (41°F) to 30°C (86°F)
- dispose of product with care
- dispose of waste through authorized waste disposal services

5) SAFETY INDICATION

See CLP labelling, comply with the updated Safety data Sheet.

The manufacturer reserves the right to change the technical characteristics of the product without prior notice.
Check www.hyrid.it for updated Safety Data Sheets

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