

# MURFILL QUARTZ

## TECHNICAL DATA SHEET

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### ➤ DESCRIPTION

Elastic and waterproof coating based on waterdispersed high polymers.

### ➤ APPLICATION

- Coating and waterproofing of walls and façades.
- Can be applied on substrates such as masonry, concrete, brick and cellular concrete.
- Repair small areas of damage or irregularities in the substrate.

### ➤ FEATURES

Elastic - waterproof and water vapour permeable - excellent resistance against ageing in normal and industrial environment - protects steel reinforced concrete against carbonatation and corrosion.

### ➤ TECHNICAL DATA

Binder	:	plastified acrylic resins
Finish	:	fine quartz structure
Gloss (60°)	:	-
Colour (s)	:	white
Solids content (ASTM, D1644/a)	:	in volume : ± 62 % in weight : ± 76 %
Density (ASTM, D1475, 20°C)	:	± 1,6 g/cm <sup>3</sup>
VOC-content (Volatile Organic Compounds)	:	max. 10 g/l
Consumption	:	1 - 2,5 kg/m <sup>2</sup> , according to condition of substrate and the desired effect
Thickness wet film	:	± 1,6 mm (cons.: 2,5 kg/m <sup>2</sup> )
dry film	:	± 1 mm (cons.: 2,5 kg/m <sup>2</sup> )
Drying times	:	* dustfree : ± 4 hours (1 kg/m <sup>2</sup> )
(for t° 20°C)	:	* rain resistant : ± 7 hours (1 kg/m <sup>2</sup> )
(for R.H. 60%)	:	* recoatable : 24 hours
	:	* full cure : -
Flashpoint (DIN53213)	:	not flammable
Miscellaneous items	:	* Quartz granulometrie : 0 - 1 mm. * Can be recoated with waterborne paints (e.g. Murfill Quartz, Murfill, Paracem, ...).

## ➡ INSTRUCTIONS FOR USE

Ambient conditions	:	minimum 5°C / maximum 80 % R.H.
Dilution	:	Apply undiluted.
Cleaning tools	:	water
Spraying equipment	:	low pressure spraying equipment (nozzle about 3 - 4 mm) with <b>worm pump</b>
Brush	:	Apply with square brush.
Roller	:	* Perforated foam roller. * Roller with long hairs.

## ➡ PREPARATION OF THE SUBSTRATE

- Murfill Quartz can be applied directly to old (sound) paintwork after thorough brushing down. - Chalking paints or substrates must be treated first - after high pressure water cleaning - with Pegafix.
- New or non painted substrates : on porous materials apply first a coat of Primer 44 diluted with 30 % Thinner 22 or Pegafix.
- On smooth non porous substrates apply a thin coat of Noxyde diluted with 25 % water or a coat of Pegalink.
- Cracks < 0,5 mm wide : fill up with Murfill.
- Cracks > 0,5 mm wide : fill up with Elastofill or Mur-Filler.
- Active cracks must be bridged with Murfill fleece.

## ➡ ADDITIONAL INFORMATION

Transport codes	:	ADR-classification : not ADR / UN-code : none
Packing	:	5 - 25 kg
Storage stability	:	At least 24 months, provided the original tin is properly sealed and kept in a cool, dry and <b>frostfree</b> place.
AFNOR Classification	:	Group II, class 2b

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*"As for the precautions of use, hygiene and safety, please consult our Material Safety Data Sheets - available on request at our Technical Service".*