



UNI EN ISO 9001:2008
Quality System Certified Company



TECHNICAL DATA SHEET
PRODUCT

Q 1
NanoLux

**CRYSTALLIZING AGENT FOR
QUARTZITES, ENGINEERED STONES and SILICEOUS FLOOR SURFACES**

Compared to the treatments currently in use, **Q1 NanoLux** is a preparation of totally new and different concept; in fact it is based on nanotechnologic materials of the last generation (derived from nanotechnology for metal hardening).

Q1 NanoLux is a permanent crystallizing liquid, suitable both indoor and outdoor, acting exclusively on siliceous based materials (quartzite, granite, porphyry, siliceous natural stones, gres porcelain tiles, etc.); it acts and perfectly integrates, by natural way, in the microstructure of the material as it contains the same elements constituting the material itself.

By only one treatment unexpected and various results are achieved:

- REMOVAL OF A LOT OF SUPERFICIAL MICRO-IMPERFECTIONS (small marks and splitting)
- LONG LASTING RESTORATION OF THE ORIGINAL SHINE
- STRONG WATER REPELLENT PROTECTION (reduction of absorption, so lower possibility to get dirty easily, lower maintenance and lower wear and tear)
- REDUCTION OF THE SLIPPERINESS as the friction increases and the adherence is improved
- ABSENCE OF HALOS/MARKS AND NO MODIFICATION OF ORIGINAL AESTHETIC APPEARANCE.

The treatment by **Q1 NanoLux** allows a strong reduction of the slipperiness of the surface as, in some laboratory tests, the adherence increased also till to 600-700%

FUNCTION

CRYSTALLIZING AGENT FOR quartzite, SILICEOUS FLOORS AND ENGINEERED STONES

LINE

CRYSTALLIZATION

PROFESSIONAL

INDICATION

RESTORATION OF THE ORIGINAL SHINE AND REDUCTION OF THE SLIPPERINESS.
SUITABLE TO GIVE A MIRROR SHINE TO NEW MATERIALS NOT WELL POLISHED.

MATERIALS

QUARTZITE, GRANITE, PORPHYRY, SILICEOUS NATURAL STONES, ENGINEERED STONES, GRES PORCELAIN TILES, etc.

HOW TO USE

THE SURFACES TO BE TREATED MUST BE CLEAN AND DRY. POUR A LITTLE QUANTITY OF **Q1 NANOLUX** ON THE SURFACE AND POLISH BY USING A SINGLE-BRUSH MACHINE FITTED WITH A 3M NYLON PAD OF WHITE COLOUR. MOVE THE SINGLEBRUSH MACHINE WITH UNIFORM AND ROTATORY MOTION TILL TO COMPLETE DRYING AND TILL TO OBTAIN THE SHINE OF THE SURFACE. EVENTUALLY REPEAT THE OPERATION TILL TO HAVE THE REQUIRED EFFECT.

TECHNICAL CHARACTERISTICS

see page 2

CONSUMPTION

THE CONSUMPTION VARIES ACCORDING TO THE KIND OF FLOOR, THE CONDITIONS OF THE SURFACE AND THE REQUIRED DEGREE OF SHINE.



STABILITY

DISPERSION OF INORGANIC SALTS: CANNOT STAND THE FROST

DO NOT STORE AT TEMPERATURES LOWER THAN 5°C (41°F) or HIGHER THAN 35°C (95°F)

These conditions respected and into the sealed original containers, the product is stable at least one year.

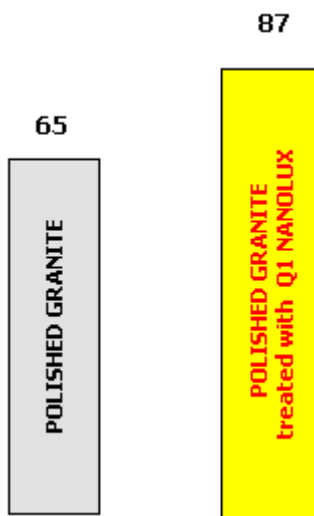
SHINE INCREASE

Tests effected in our laboratories and measuring effected by Erichsen Glossmeter on polished Sardinian Granite

The measuring effected on our laboratories after the treatment by **Q1 NanoLux** showed a shine increase till to 35%.

Reflection before the treatment = 65

Reflection after the treatment by **Q1 NanoLux** = 87



SLIPPERINESS REDUCTION

The friction measurements effected in our laboratories are only for guidance with the intention to determine the anti-slip properties because many and various are the factors and decisive are the conditions contributing to the definition of "anti-slip surface"

On a polished Sardinian Granite slab before the treatment and after the treatment a variation of the friction coefficient from 0.31 to **0.60** has been checked (a friction coefficient of 0.5 is considered as safe)

Just as an indication we quote the following table:

μ 0,00 - μ 0,21	highly dangerous
μ 0,22 - μ 0,29	dangerous
μ 0,30 - μ 0,42	safe with reserve
μ 0,43 - μ 0,63	safe
μ 0,64 and over	very safe

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since application of the product is beyond the control of the manufacturer or supplier.

A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE APPLICATION