

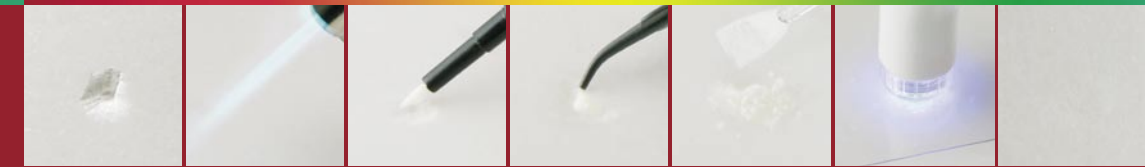
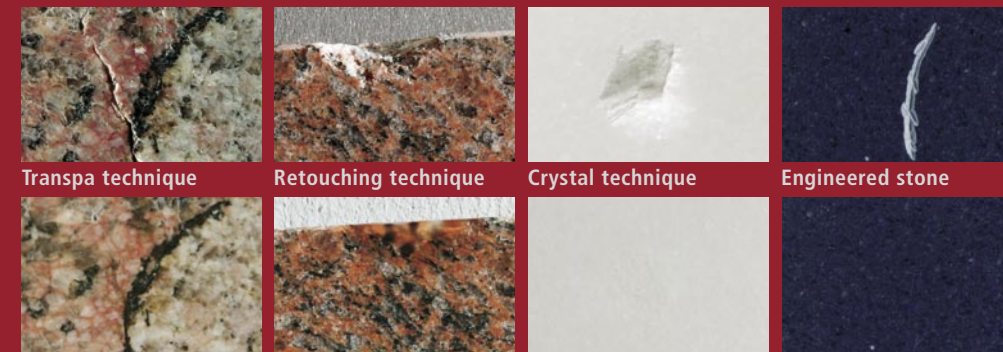
Simply a better quality of repair.



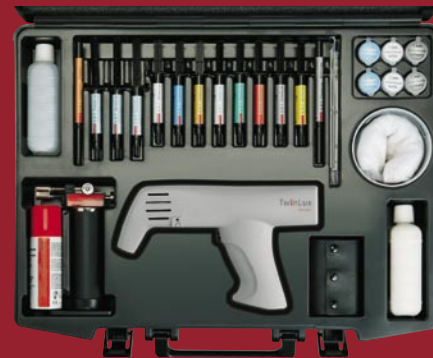
Even repairs of damaged edges can be accomplished quickly and effectively, whether it is indoors or outdoors

StoneLux is worldwide the first fully integrated system for the true-to-nature, effective repair of polishable natural stone and engineered stone in interior and exterior settings:

- > Surface scratch marks up to a depth of 2 mm
- > Chipped edges
- > Impact marks and scratches
- > Cracks of more than 2 mm in depth
- > Broken corners
- > Defects caused during installation and finishing



A comprehensive tailor-made system.



The StoneLux professional toolbox contains all the components to effect fast high-quality repair work - from preparing and repairing the damage to finishing the repaired surface.

StoneLux – perfect results.



TwinLux LED Power x 2

- Faster** 30 sec/cm²
- Stronger** 2 x 900 mW
Twin LED Technology
- More efficient** Aircooled –
continuous operation

Main benefits at a glance.



- > Fast repairs in a single appointment
- > High surface quality and durable lustre
- > Perfect optical integration into natural and engineered stone
- > Colour stability, non-yellowing
- > Suitable for indoor and outdoor use
- > No mechanical damage to neighbouring surfaces
- > A quick breakeven

invicon

invicon chemical solutions gmbh
Millennium Park 9
A-6890 Lustenau
Austria
Tel: +43-5577-62 576-22
Fax: +43-5577-62 576-10
office@invicon.at
www.invicon.at

www.stonelux.com



invicon
chemical solutions

Repair of natural and
engineered stone with the
power of light.

StoneLux

Advanced Repair Technology

Medical technology adapted to stone repair.



With StoneLux, you can benefit from a comprehensive repair system designed for the high-quality repair of small and medium damage. StoneLux can be used for a wide range of requirements for stone repair.

To develop StoneLux, the light-curing technology used in medical technology has been harnessed for application in natural stone repair. This technology uses high-quality **composite materials**. When illuminated with an LED light source, these liquid composite materials cure within a few seconds. A cleverly thought out **range of colours** and newly developed **crystalline particles** enable the user to create both colour and three-dimensional effects that closely simulate natural stone.

The **Primer** establishes a reliable and durable bond between the composite and natural or engineered stone.

Specially designed **tools** help achieve impeccable repairs without marring the neighbouring stone surfaces.

3 steps to perfection in stone repair.



Prepare the damaged surface



Clean the preparation



Additionally for marble and limestone:
Expose the surface to flame treatment
(to produce a SiOx layer)



Apply primer (for bonding)

1. Preparing the damaged surface

For successful repairs, damaged surfaces should be systematically prepared in three steps:

- Determine the extent and nature of the damage
- Prepare the damaged surface
- Prepare for bonding



StoneLux Transpa Flow provides a chameleon effect



StoneLux Color closely simulates the colour of stone



StoneLux Crystals create a textured surface finish

2. Repairing the damaged surface

There are three techniques which may be used to repair the damage.

2.1 Transpa technique

Suitable for small natural cracks, small impact damage, small edge damage, damage in materials containing quartz.

2.2 Retouch technique

Suitable for natural stone with a lively appearance and intricate colouring, deep impact damage and edge damage.

2.3 Crystalline technique

Suitable for natural stone with uniform colouring or marble with crystalline effects, deep scratches, deep impact damage and edge damage.

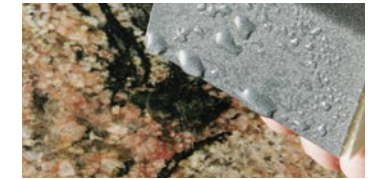
3. Finishing the repaired surface

- Remove surplus material with a special planing tool for composite material.
- Rub surface down with wet silicone abrasive fabric.
- Polish with polishing paste.

The result: Impeccably repaired surface without any blemishes to the neighbouring stone surface.



Remove excess



Wet grinding with silicone abrasive linen

A complete and ingenious system.



StoneLux Filler

Light-curing composite materials in convenient syringes for filling damaged surfaces. Available in the two versions Base (paste-type consistency) and Transpa Flow (liquid and highly translucent).

StoneLux Color

Light-curing colour materials in convenient syringes to simulate the colour effects of natural stone. All colours can be mixed with each other. The materials retain their colour after curing.



StoneLux Crystals

Micro-fine ground composite to provide repaired surfaces with a textured finish. Available in particles of 1 mm and 2 mm in black, white and transparent.



StoneLux PrepSet

Preparation set including diamond wheel and bit for perfect preparation of the damaged area (e.g. for Dremel®).



StoneLux Cleaning Solution

Ethanol-based solution for thorough cleaning of damaged surfaces.



Pyrosil® bonding agent

Flammable gas mixture (cartridge + hand flamer) to produce a SiOx layer for the bonding of marble or polishable limestone.



StoneLux Primer

A single-component primer in a convenient application pen to create a chemical bond between the natural and engineered stone and the StoneLux repair material.

TwinLux - LED Power x 2

Handy and mobile battery-operated LED light source with 2 x 900 mW LEDs of the latest generation for the targeted curing of StoneLux materials.

StoneLux Surface Finish and Tools

Tried-and-tested materials and tools for the effective finishing of repaired surfaces.