



ATLAS LIGHT CAULK

lightweight acrylic sealant

- immediate painting
- retains paint colours
- high adhesion
- no shrinkage, no cracking
- virtually no settlement
- white



IMMEDIATE
PAINTING



RETAINS
PAINT COLOUR



HIGH
ADHESION



NO SHRINKAGE,
NO CRACKING

Properties

Virtually no settling - corners can be filled "at once", while fillings and additions can be filled "at once" or "several times", depending on the depth of the space to be filled

It is resistant to cracking and shrinkage cracks.

It can be painted immediately (wet-on-wet, as early as 1 minute after application, for joints up to 5 mm wide) - it is particularly recommended for painting work (reduces the risk of cracking and discolouration of the paint).

Available in white - the caulk surface can be painted with typical interior paints.

It is permanently malleable and elastic - retaining a high level of flexibility throughout its service life.

It can be sanded - after setting with 120-grit sandpaper.

It has very good adhesion - to porous substrates, also slightly damp.

Chemically neutral - does not corrode metals, plastics, veneers, etc.

Virtually odourless.

Use

For quick filling of joints, seams, corners, cracks, cavities, holes in walls and ceilings.

For sealing:

- drywall connections,
- trims,
- built-in wardrobes,
- sills,
- staircase construction,
- blinds,
- window frames and doors,
- plinths,
- cornices,
- stucco,
- coffers,
- rosettes.

For indoor use - except in areas subject to continuous exposure to water or moisture, in areas without effective ventilation.

Substrate types - concrete, plaster, gypsum, top finishes, putty, wood, MDF, HDF, chipboard, ceramic, steel, PVC and similar plastics, glass

Technical data

ATLAS LIGHT CAULK is a single-component acrylic sealer based on synthetic resin dispersion and light fillers, binding by physical reaction

Curing system	as a result of a physical reaction
Density	approx. 0.71 g/ml
Application temperature	from +5 °C to +40 °C
Joint width	up to 25 mm
Skin formation/joint binding	up to 5 minutes
Full curing time	1 mm/24 hours
Thermal resistance during use	from - 20 °C to +75 °C

The times shown in the table are recommended for application conditions at +23 °C and 50 % humidity.

Technical requirements

The product complies with the requirements of EN 15651-1:2012.

ATLAS LEKKI AKRYL (2023) Declaration of performance No. 284/CPR	
EN 15651-1:2012 Sealants for interior application only	
Reaction to fire	Class E
Water and gas tight: - resistance to run-off - loss in volume - mechanical properties - elongation at break (23 °C)	≤ 3 mm ≤ 45 % ≥ 25 %

Application

Substrate preparation

The substrate should be dry, clean and thoroughly degreased. Porous and absorbent substrates need not be completely dry. Substrates requiring priming with ATLAS NKP or ATLAS UNI-GRUNT:

- highly porous, such as cellular concrete, sandstone, etc.
- absorbent, such as lime-cement and gypsum plaster, plasterboard and their cut edges, etc.

If there is any doubt about the adhesion, it is recommended to carry out a test by applying the caulk to a small area and test stripping after it has cured.

Deep joints should first be filled with foam expansion cord, placing it at the required depth. For shallow joints, cover the underside of the joint with PE tape.

Secure edges of joints with masking tape to avoid contamination. Tear off the tape as soon as the caulk compound has been applied and shaped.

Directions for use

Before using the caulk, remove the applicator and cut off the end of the cartridge tube. Then put the applicator back on and cut it, preferably at an angle, to a width corresponding to the size of the joint. Fit the cartouche thus prepared into the caulk squeeze-out gun. Apply the caulk compound slowly and evenly, pressing gently onto the surface. Fill the entire cross-section of the joint thoroughly, without enclosing any air. Profile the surface with a spatula or your finger (soaking it in water) within 5 minutes of application. The setting time of the compound depends on the ambient temperature, air humidity and joint cross-section. Ensure effective ventilation of the room until the caulk is fully set. The surface of the joint must not be directly affected by water.

Painting

The caulk surface can be painted after just 1 minute with typical interior paints:

latex	+
acrylic	+
ceramic	+

Can be painted:

- for joints up to 5 mm wide - after 1 minute,
- for joints over 5 mm - it is recommended to wait an additional 10-20 minutes.

Due to the continuous development of paint technology, it is advisable to carry out a test and check the compatibility of the paint with the sealant.

Tools

Handgun or electric gun.

Efficiency

Yield per pack approximately 12 m, with a joint width of 5 mm (consumption approx. 100 ml / 4 m). The values given are estimates, subject to losses and processing losses.

Packaging

Plastic cartridges: 300 ml.

Safety information

Safety information is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

Storage and transport

Information on storage and transport is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

The shelf life of the product (best before use) is 12 months from the date of manufacture indicated on the packaging.

Important additional information

Do not use on materials such as PE, PP, PC, PMMA, PTFE, neoprene, mirrors, aquariums, bituminous surfaces, natural stone and soft plastics. For materials of unknown composition, conglomerates, laminates, carry out an adhesion test in an invisible area and assess the applicability of the product.

Do not use outdoors or in areas permanently exposed to water.

Before using caulk, it is advisable to carry out an adhesion test on the substrate.

Caulk seals release water during setting, resulting in low shrinkage. This can result in cracking of a paint coat applied too quickly.

Clean fresh dirt that has formed on the caulk with water. Hardened caulk can only be removed mechanically.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not relieve the user of the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid. Documents accompanying the product are available at www.atlas.com.pl.

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