



ATLAS SALTA

silicone facade paint

- highly dirt-resistant
- strongly opaque
- weather-resistant
- primerless



PERFECT COATING



COLOUR DURABILITY



MANUAL / MACHINE APPLICATION

Properties

ATLAS SALTA paint is manufactured on the basis of a specially selected polymer dispersion and high-quality fillers and pigments.

Creates a coating that is resistant to algae growth.

Creates a dirt-repellent surface - the paint film is extremely dense and smooth, so that dirt particles and fungal spores that settle on it are easily lost and are removed naturally with rain and wind.

Highly vapour-permeable - the paint layer forms a microporous - so-called 'breathable' - structure, ensuring the free transport of water vapour through the painted partition.

Resistance to harmful atmospheric agents - the paint combines the advantages of silicate and dispersion paints, high elasticity, excellent vapour permeability, low absorbency and abrasion resistance, giving it exceptional resistance to weathering, changing atmospheric conditions and aggressive components in the substrate and environment.

Freedom of design - a palette of 400 fashionable colours, in line with the SAH Plaster and Paint Colours.

Durable colours - thanks to the use of the latest generation of pigments, ATLAS SALTA paint has a high resistance to UV rays, thus ensuring many years of colour fastness on the completed façade.

Recommended for fresh plasters - allows painting of mineral thin-coat plasters 5 days after application.

Application at lower temperatures - with the addition of ATLAS ES-KIMO, it is possible to use the paint at reduced temperatures (up to 0°C) and at increased humidity (up to approx. 80%).

No primer required - the first coat of paint primes the substrate.

Purpose

PLACE OF USE	
facade in an insulation system with polystyrene foam	+
façade with mineral wool insulation system	+
single-layer wall facade	+
ceiling side	+
wall inside the building	use ATLAS SALTA E

TYPES OF FACILITIES	
housing construction	+
public, educational, office and healthcare buildings	+
commercial and service construction	+
industrial construction	+
industrial warehouses	+
traffic construction	+
underground garages	+
farm and livestock buildings	+
historic buildings	recommended ATLAS SALTA S
passive construction	+
energy-efficient construction	+

SURROUNDINGS OF THE FACILITY	
urban and urbanised areas	+
rural and agricultural areas	+
close proximity to tree stands and green areas	recommended ATLAS SALTA S
Wetlands and humid areas, surroundings of water bodies	recommended ATLAS SALTA N
industrial, investment and economic zones	+
shaded areas	+

SUBSTRATE TYPE	
concrete substrates (monolithic and prefabricated)	+
reinforced layers of insulation systems indicated	+
traditional cement and cement-lime plasters	+
traditional lime and renovation plasters	recommended ATLAS SALTA S
gypsum plaster, finishing plasters and filling	recommended ATLAS SALTA E
thin layer mineral and silicate plasters	recommended ATLAS SALTA N
thin-coat acrylic plasters	recommended ATLAS SALTA E
thin layer silicone and silicate-silicone plasters	+
Masonry made from ceramic blocks, silicate blocks, bricks, cellular concrete	+
plasterboard, OSB substrates	recommended ATLAS SALTA E
paint coatings - silicate	recommended ATLAS SALTA S
paint coatings - silicone	+
paint coatings - acrylic	recommended ATLAS SALTA E

Technical data

Density	1.42 g/cm ³
Temperature of the paint preparation and of the substrate and surroundings during the work	from +5 °C to +30 °C
Relative air humidity during application and setting	< 80%
Use at reduced temperatures (above 0°C) and increased humidity (up to approx. 80%)	after addition of ATLAS ESKIMO
Application of the next layer*	after approx. 6 h
Drying time*	2 to 6 h
Gloss	G ₃ - matt
Coating thickness	100 < E ₃ < 200 µm
Grain size	S ₁ - fine < 100 µm
Water vapour transmission rate	Medium 15 < V ₂ < 150 g/m d ²
Water permeability	small W ₃ < 0.1 kg/m h ^{20,5}
Equivalent diffusion resistance S _d for one layer	0.14 m - 1.4 m
Covering power	class 2 / capacity 8 m ²
pH	8
Degree of adhesion (according to PN-80/C-81531)	1

*data for 20°C temperature and 50% humidity)

Technical requirements

ATLAS SALTA paint is a component of sets of products for making thermal insulation systems:

Name of the system	Number of Technical Approval/National Technical Assessment
ATLAS ETICS	ITB-KOT-2020/1616 2nd edition
ATLAS ETHICS PLUS	ITB-KOT-2018/0584 Issue 1
ATLAS RENOTER	ITB-KOT-2021/2020 edition 1
ATLAS RENOTER W	ITB-KOT-2020/1187 1st edition
ATLAS ROKER	ITB-KOT-2021/1919 2nd edition
ATLAS ROKER G	ITB-KOT-2018/0583 Issue 1
ATLAS ROKER EPS	ITB-KOT-2020/1188 Issue 1

ATLAS SALTA paint is a component of a complex thermal insulation system with plastering :

Name of the system	European Technical Assessment Number
ATLAS	ETA-06/0081 24/06/2016
ATLAS ROKER	ETA-06/0173 19/07/2016
ATLAS GRAWIS	ETA-16/0933 30/12/2016
ATLAS XPS	ETA-07/0316 08/12/2017

Substrate preparation

The substrate should be dry, stable and load-bearing, i.e. sufficiently strong and cleaned from layers that may impair adhesion of the paint, especially from dust, dirt, wax and grease. Old, poor quality paint coats and other layers of poor adhesion to the substrate should be thoroughly removed, and minor damages and cracks should be repaired and filled, e.g. with ATLAS ZW 330 mortar. Priming of the substrate is not required.

Specific recommendations concerning the seasoning time of substrates before painting

thin-coat mineral plasters	5 days
thin-layer dispersion plasters	7 days
traditional mineral plasters	2-4 weeks

Painting

Paint preparation

The paint is supplied ready for use. The paint should be mixed thoroughly to an even consistency immediately before use. This is best carried out mechanically using a slow speed mixer with a paint stirrer. The paint must not be mixed with other materials.

Diluting the paint

For the first application, add 5 % clean water (0.5 litres water per 10 l paint container). The dilution ratio should be maintained over the entire painted surface. **For final painting and when painting by spraying, use paint undiluted.**

Painting

Apply the paint in a thin and even layer using a roller, brush or spraying method (e.g. Wagner HC 950, nozzle 517 - pressure **150-170 bar** or nozzle HEA 517 – pressure **100-120 bar**), once or twice depending on the absorbency and structure of the substrate. Planned breaks in the painting process should be made in advance, e.g. in corners and folds of the building, under drain pipes, at colour interfaces, etc. Paint application should be carried out continuously, avoiding interruptions. The drying time of the paint depending on the substrate, temperature and relative humidity of the air is 2-6 hours .

Consumption

The consumption depends, among other things, on the absorbency of the substrate and the texture of the surface to be painted, so it is recommended to determine the exact consumption by means of a test. Indicative consumption figures for a one-coat plaster finish are given in the table

Type of plaster	Consumption	Yield per litre
thin-coat mineral plasters	approx. 0.25 l/m ²	approx. 4,0 m ²
thin-layer dispersion plasters	approx. 0.22 l/m ²	approx. 5,0 m ²
smooth plasters	approx. 0.15 l/m ²	approx. 7,0-8,0 m ²

Packaging

Plastic buckets 10 l.

Safety information

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

ATLAS SALTA - Cat. A/c/FW - maximum VOC content in the product ≤ 39.9 g/l, permissible VOC content 40 g/l.

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 paint has a shelf life of 12 months from the date of manufacture on the packaging.

Important additional information

During storage, paints with a high binder to filler ratio undergo a natural and desirable sedimentation (delamination) phenomenon. This protects the paint in the packaging from drying out. Before use, the paint should be stirred mechanically.

The painting work **must not be** carried out in conditions of high humidity and low temperatures below +5 °C (after ATLAS ESKIMO addition below 0 °C). Protect the painted surface during the works and paint drying period from sunlight, wind and precipitation. In unfavourable weather conditions it may be necessary to apply a third coat to unify the surface.

When painting fresh render, the façade must be protected with nets from the time the plastering starts until, 24 h after the painting has been completed. Fresh thin-coat mineral plasters under favourable conditions (temperature above +5 °C, humidity below 65%) mature in a minimum of 5 days. In unfavourable conditions, their drying time is prolonged.

When painting old plasters, give them a minimum of 48 drying time after the end of rainfall (the higher the humidity, the longer this period should be).

Failure to comply with the manufacturer's requirements for substrate preparation, use and facade protection may lead to the natural phenomenon of discolouration and salt efflorescence.

The colour uniformity of the painted surface depends largely on the degree of drying of the substrate.

To avoid shade differences, paint with the same manufacturing date should be applied to one surface.

Painting naturally results in a slight smoothing of the substrate texture. Painting surfaces that differ in texture and technical parameters can result in different shades of paint colour.

Tools should be cleaned with clean water, immediately after use, before the paint dries.

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. The documents accompanying the product are available at www.atlas.com.pl.

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